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THE STATE OF TEXAS
RECLAMATION DEPARTMENT
AUSTIN

BULLETIN No. 5 JUNE, 1917

TABLES

OF

CUBIC CONTENTS OF LEVEE EMBANKMENTS

DESIGNED BY
ARTHUR ALVORD STILES
State Reclamation Engineer

AUSTIN
STATE RECLAMATION DEPARTMENT
1917

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EXPLANATION OF THE TABLES

These tables are designed to facilitate the work of the State Reclamation Department: the cross-sectional areas are given more particularly to serve that purpose.

Obviously the tables apply alike to embankments, and to excavations of similar cross sections. In all cases the tabular values are based upon level fills or cuts.

In the expressions denoting side slopes (for example 2 : 1) the first figure indicates the horizontal distance; the second indicates the vertical distance.

Every precaution has been taken to guard against errors in the tables. The adding machine was used in the computations, and the paper strips bearing the machine-printed figures were pasted together to form the original copy, with which the final printed proof has been diligently compared. The computing was done by Messrs. James P. Murray, A. F. Buchanan, John B. Upchurch and B. G. Schenck, technical assistants of the department.

Section I (Tables I to VII) is expected to fulfill all ordinary requirements of tables of this character. The tabular values in cubic yards per hundred linear feet, and the square feet in the cross-sectional area, correspond to embankments varying in vertical height from 0.1 foot to 30.0 feet, inclusive, by tenths of a foot; in crown widths from 1.0 foot to 10.0 feet, inclusive, by feet; and having side slopes the same on both sides as follows: 1 : 1, 1½ : 1, 2 : 1 and 3 : 1; and side slopes differing on opposite sides as follows: 1½ : 1 and 2 : 1; 1½ : 1 and 3 : 1; and 2 : 1 and 3 : 1. The crown widths and side slopes are given at the top of each page.

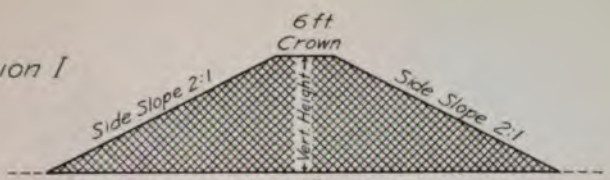
Section II (Tables VIII to XIV) is intended to meet the more exceptional cases arising in practical work not covered by section I. The tabular values in cubic yards per hundred linear feet correspond to embankments varying in vertical height from 0.1 foot to 60.0 feet, inclusive, by tenths of a foot, and having side slopes the same as in the preceding section.

In this section the embankment is separated into component parts, in order that combinations of the tabular values may be made.

The triangular component part may be regarded as a complete l with a crown zero feet wide. The side slopes of this part are give

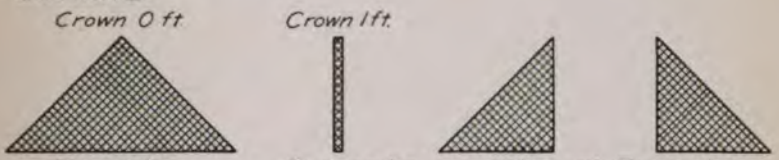
GRAPHIC EXPLANATION OF THE TABLES

Section I

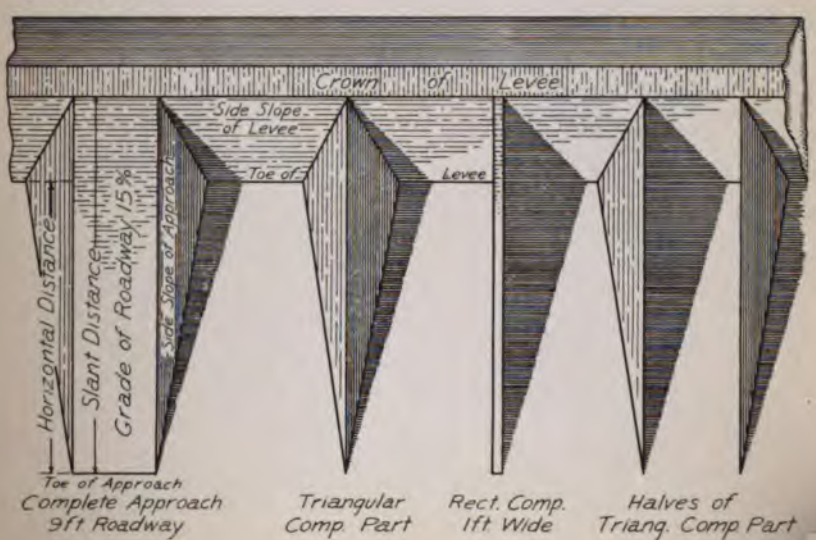


Typical Cross-Section of Complete Levee

Section II



Section III



SECTION I

CUBIC CONTENTS OF LEVEE EMBANKMENTS

TABLES I TO VII

Side Slopes 1 to 1 1½ to 1 2 to 1 3 to 1
1½ to 1 and 2 to 1 1½ to 1 and 3 to 1 2 to 1 and 3 to 1
Crown Widths 1 foot to 10 feet
Vertical Heights 0.1 foot to 30.0 feet

TABLE I Side Slopes 1 : 1
Crown 1 Foot

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	0.407	0.110	5.1	115.2	31.1	10.1	415.2	112.1
.2	0.889	0.240	.2	119.4	32.2	.2	423.1	114.2
.3	1.44	0.390	.3	123.7	33.4	.3	431.1	116.4
.4	2.07	0.560	.4	128.0	34.6	.4	439.1	118 6
.5	2.78	0.75	.5	132.4	35.8	.5	447.2	120.8
.6	3.56	0.96	.6	136.9	37.0	.6	455.4	123.0
.7	4.41	1.19	.7	141.4	38.2	.7	463.7	125.2
.8	5.33	1.44	.8	146.1	39.4	.8	472.0	127.4
.9	6.3	1.71	.9	150.8	40.7	.9	480.4	129.7
1.0	7.4	2.00	6.0	155.6	42.0	11.0	488.9	132.0
.1	8.6	2.31	.1	160.4	43.3	.1	497.4	134.3
.2	9.8	2.64	.2	165.3	44.6	.2	506.1	136.6
.3	11.1	2.99	.3	170.3	46.0	.3	514.8	139.0
.4	12.4	3.36	.4	175.4	47.4	.4	523.6	141.4
.5	13.9	3.75	.5	180.6	48.8	.5	532.4	143.8
.6	15.4	4.16	.6	185.8	50.2	.6	541.3	146.2
.7	17.0	4.59	.7	191.1	51.6	.7	550.3	148.6
.8	18.7	5.04	.8	196.4	53.0	.8	559.4	151.0
.9	20.4	5.5	.9	201.9	54.5	.9	568.6	153.5
2.0	22.2	6.0	7.0	207.4	56.0	12.0	577.8	156.0
.1	24.1	6.5	.1	213.0	57.5	.1	587.1	158.5
.2	26.1	7.0	.2	218.7	59.0	.2	596.4	161.0
.3	28.1	7.6	.3	224.4	60.6	.3	605 9	163.6
.4	30.2	8.2	.4	230.2	62.2	.4	615.4	166.2
.5	32.4	8.8	.5	236.1	63.8	.5	625.0	168.8
.6	34.7	9.4	.6	242.1	65 4	.6	634.7	171.4
.7	37.0	10.0	.7	248.1	67.0	.7	644.4	174.0
.8	39.4	10.6	.8	254.2	68 6	.8	654.2	176.6
.9	41.9	11.3	.9	260.4	70.3	.9	664.1	179.3
3.0	44.4	12.0	8.0	266.7	72.0	13.0	674.1	182.0
.1	47.1	12.7	.1	273.0	73.7	.1	684.1	184.7
.2	49.8	13.4	.2	279.4	75.4	.2	694.2	187.4
.3	52.6	14.2	.3	285.9	77.2	.3	704.4	190.2
.4	55.4	15.0	.4	292.4	79.0	.4	714.7	193.0
.5	58.3	15.8	.5	299.1	80.8	.5	725.0	195.8
.6	61.3	16.6	.6	305.8	82.6	.6	735.4	198.6
.7	64.4	17.4	.7	312.6	84.4	.7	745.9	201.4
.8	67.6	18.2	.8	319.4	86.2	.8	756.4	204.2
.9	70.8	19.1	.9	326.3	88.1	.9	767.1	207.1
4.0	74.1	20.0	9.0	333.3	90.0	14.0	777.8	210.0
.1	77.4	20.9	.1	340.4	91.9	.1	788.6	212.9
.2	80.9	21.8	.2	347.6	93.8	.2	799.4	215.8
.3	84.4	22.8	.3	354.8	95.8	.3	810.3	218.8
.4	88.0	23.8	.4	362.1	97.8	.4	821.3	221.8
.5	91.7	24.8	.5	369.4	99.8	.5	832.4	224.8
.6	95.4	25.8	.6	376.9	101.8	.6	843.6	227.8
.7	99.2	26.8	.7	384.4	103.8	.7	854.8	230.8
.8	103 1	27.8	.8	392.0	105.8	.8	866.1	233.8
		28.9	.9	399.7	107.9	.9	877.4	236.9
		0.0	10.0	407.4	110.0	15.0	888.9	240.0

TABLE I Side Slopes 1 : 1
Crown 1 Foot

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	900.4	243.1	20.1	1570.8	424.1	25.1	2426.3	655.1
.2	912.0	246.2	.2	1586.1	428.2	.2	2445.3	660.2
.3	923.7	249.4	.3	1601.4	432.4	.3	2464.4	665.4
.4	935.4	252.6	.4	1616.9	436.6	.4	2483.6	670.6
.5	947.2	255.8	.5	1632.4	440.8	.5	2502.8	675.8
.6	959.1	259.0	.6	1648.0	445.0	.6	2522.1	681.0
.7	971.1	262.2	.7	1663.7	449.2	.7	2541.4	686.2
.8	983.1	265.4	.8	1679.4	453.4	.8	2560.9	691.4
.9	995.2	268.7	.9	1695.2	457.7	.9	2580.4	696.7
16.0	1007.4	272.0	21.0	1711.1	462.0	26.0	2600.0	702.0
.1	1019.7	275.3	.1	1727.1	466.3	.1	2619.7	707.3
.2	1032.0	278.6	.2	1743.1	470.6	.2	2639.4	712.6
.3	1044.4	282.0	.3	1759.2	475.0	.3	2659.2	718.0
.4	1056.9	285.4	.4	1775.4	479.4	.4	2679.1	723.4
.5	1069.4	288.8	.5	1791.7	483.8	.5	2699.1	728.8
.6	1082.1	292.2	.6	1808.0	488.2	.6	2719.1	734.2
.7	1094.8	295.6	.7	1824.4	492.6	.7	2739.2	739.6
.8	1107.6	299.0	.8	1840.9	497.0	.8	2759.4	745.0
.9	1120.4	302.5	.9	1857.4	501.5	.9	2779.7	750.5
17.0	1133.3	306.0	22.0	1874.1	506.0	27.0	2800.0	756.0
.1	1146.3	309.5	.1	1890.8	510.5	.1	2820.4	761.5
.2	1159.4	313.0	.2	1907.6	515.0	.2	2840.9	767.0
.3	1172.6	316.6	.3	1924.4	519.6	.3	2861.4	772.6
.4	1185.8	320.2	.4	1941.3	524.2	.4	2882.1	778.2
.5	1199.1	323.8	.5	1958.3	528.8	.5	2902.8	783.8
.6	1212.4	327.4	.6	1975.4	533.4	.6	2923.6	789.4
.7	1225.9	331.0	.7	1992.6	538.0	.7	2944.4	795.0
.8	1239.4	334.6	.8	2009.8	542.6	.8	2965.3	800.6
.9	1253.0	338.3	.9	2027.1	547.3	.9	2986.3	806.3
18.0	1266.7	342.0	23.0	2044.4	552.0	28.0	3007.4	812.0
.1	1280.4	345.7	.1	2061.9	556.7	.1	3028.6	817.7
.2	1294.2	349.4	.2	2079.4	561.4	.2	3049.8	823.4
.3	1308.1	353.2	.3	2097.0	566.2	.3	3071.1	829.2
.4	1322.1	357.0	.4	2114.7	571.0	.4	3092.4	835.0
.5	1336.1	360.8	.5	2132.4	575.8	.5	3113.9	840.8
.6	1350.2	364.6	.6	2150.2	580.6	.6	3135.4	846.6
.7	1364.4	368.4	.7	2168.1	585.4	.7	3157.0	852.4
.8	1378.7	372.2	.8	2186.1	590.2	.8	3178.7	858.2
.9	1393.0	376.1	.9	2204.1	595.1	.9	3200.4	864.1
19.0	1407.4	380.0	24.0	2222.2	600.0	29.0	3222.2	870.0
.1	1421.9	383.9	.1	2240.4	604.9	.1	3244.1	875.9
.2	1436.4	387.8	.2	2258.7	609.8	.2	3266.1	881.8
.3	1451.1	391.8	.3	2277.0	614.8	.3	3288.1	887.8
.4	1465.8	395.8	.4	2295.4	619.8	.4	3310.2	893.8
.5	1480.6	399.8	.5	2313.9	624.8	.5	3332.4	899.8
.6	1495.4	403.8	.6	2332.4	629.8	.6	3354.7	905.8
.7	1510.3	407.8	.7	2351.1	634.8	.7	3377.0	911.8
.8	1525.3	411.8	.8	2369.8	639.8	.8	3399.4	917.8
.9	1540.4	415.9	.9	2388.6	644.9	.9	3421.9	923.9
20.0	1555.6	420.0	25.0	2407.4	650.0	30.0	3444.4	930.0

TABLE I Side Slopes 1 : 1
Crown 2 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	0.78	0.210	5.1	134.1	36.2	10.1	452.6	122.2
.2	1.63	0.440	.2	138.7	37.4	.2	460.9	124.4
.3	2.56	0.690	.3	143.3	38.7	.3	469.2	126.7
.4	3.56	0.96	.4	148.0	40.0	.4	477.6	129.0
.5	4.63	1.25	.5	152.8	41.3	.5	486.1	131.3
.6	5.78	1.56	.6	157.6	42.6	.6	494.7	133.6
.7	7.0	1.89	.7	162.6	43.9	.7	503.3	135.9
.8	8.3	2.24	.8	167.6	45.2	.8	512.0	138.2
.9	9.7	2.61	.9	172.6	46.6	.9	520.8	140.6
1.0	11.1	3.00	6.0	177.8	48.0	11.0	529.6	143.0
.1	12.6	3.41	.1	183.0	49.4	.1	538.6	145.4
.2	14.2	3.84	.2	188.3	50.8	.2	547.6	147.8
.3	15.9	4.29	.3	193.7	52.3	.3	556.6	150.3
.4	17.6	4.76	.4	199 1	53.8	.4	565.8	152.8
.5	19.4	5.25	.5	204.6	55.3	.5	575.0	155.3
.6	21.3	5.8	.6	210.2	56.8	.6	584.3	157.8
.7	23.3	6.3	.7	215.9	58.3	.7	593.7	160.3
.8	25.3	6.8	.8	221.6	59.8	.8	603.1	162.8
.9	27.4	7.4	.9	227.4	61.4	.9	612.6	165.4
2.0	29.6	8.0	7.0	233.3	63.0	12.0	622.2	168.0
.1	31.9	8.6	.1	239.3	64.6	.1	631.9	170.6
.2	34.2	9.2	.2	245.3	66.2	.2	641.6	173.2
.3	36.6	9.9	.3	251.4	67.9	.3	651.4	175.9
.4	39.1	10.6	.4	257.6	69.6	.4	661.3	178.6
.5	41.7	11.3	.5	263.9	71.3	.5	671.3	181.3
.6	44.3	12.0	.6	270.2	73.0	.6	681.3	184.0
.7	47.0	12.7	.7	276.6	74.7	.7	691.4	186.7
.8	49.8	13.4	.8	283.1	76.4	.8	701.6	189.4
.9	52.6	14.2	.9	289.7	78.2	.9	711.9	192.2
3.0	55.6	15.0	8.0	296.3	80.0	13.0	722.2	195.0
.1	58.6	15.8	.1	303.0	81.8	.1	732.6	197.8
.2	61.6	16.6	.2	309.8	83.6	.2	743.1	200.6
.3	64.8	17.5	.3	316.6	85.5	.3	753.7	203.5
.4	68.0	18.4	.4	323.6	87.4	.4	764.3	206.4
.5	71.3	19.3	.5	330.6	89.3	.5	775.0	209.3
.6	74.7	20.2	.6	337.6	91.2	.6	785.8	212.2
.7	78.1	21.1	.7	344.8	93.1	.7	796.6	215.1
.8	81.6	22.0	.8	352.0	95.0	.8	807.6	218.0
.9	85.2	23.0	.9	359.3	97.0	.9	818.6	221.0
4.0	88.9	24.0	9.0	366.7	99.0	14.0	829.6	224.0
.1	92.6	25.0	.1	374.1	101.0	.1	840.8	227.0
.2	96.4	26.0	.2	381.6	103.0	.2	852.0	230.0
.3	100.3	27.1	.3	389.2	105.1	.3	863.3	233.1
.4	104.3	28.2	.4	396.9	107.2	.4	874.7	236.2
.5	108.3	29.3	.5	404.6	109.3	.5	886.1	239.3
.6	112.4	30.4	.6	412.4	111.4	.6	897.6	242.4
.7	116.6	31.5	.7	420.3	113.5	.7	909.2	245.5
.8	120.9	32.6	.8	428.3	115.6	.8	920.9	248.6
9		33.8	.9	436.3	117.8	.9	932.6	251.8
		35.0	10.0	444.4	120.0	15.0	944.4	255.0

TABLE I Side Slopes 1 : 1
Crown 2 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	956.3	258.2	20.1	1645.2	444.2	25.1	2519.3	680.2
.2	968.3	261.4	.2	1660.9	448.4	.2	2538.7	685.4
.3	980.3	264.7	.3	1676.6	452.7	.3	2558.1	690.7
.4	992.4	268.0	.4	1692.4	457.0	.4	2577.6	696.0
.5	1004.6	271.3	.5	1708.3	461.3	.5	2597.2	701.3
.6	1016.9	274.6	.6	1724.3	465.6	.6	2616.9	706.6
.7	1029.2	277.9	.7	1740.3	469.9	.7	2636.6	711.9
.8	1041.6	281.2	.8	1756.4	474.2	.8	2656.4	717.2
.9	1054.1	284.6	.9	1772.6	478.6	.9	2676.3	722.6
16.0	1066.7	288.0	21.0	1788.9	483.0	26.0	2696.3	728.0
.1	1079.3	291.4	.1	1805.2	487.4	.1	2716.3	733.4
.2	1092.0	294.8	.2	1821.6	491.8	.2	2736.4	738.8
.3	1104.8	298.3	.3	1838.1	496.3	.3	2756.6	744.3
.4	1117.6	301.8	.4	1854.7	500.8	.4	2776.9	749.8
.5	1130.6	305.3	.5	1871.3	505.3	.5	2797.2	755.3
.6	1143 6	308.8	.6	1888.0	509.8	.6	2817.6	760.8
.7	1156.6	312.3	.7	1904.8	514.3	.7	2838.1	766.3
.8	1169.8	315.8	.8	1921.6	518.8	.8	2858.7	771.8
.9	1183.0	319.4	.9	1938.6	523.4	.9	2879.3	777.4
17.0	1196.3	323.0	22.0	1955.6	528.0	27.0	2900.0	783.0
.1	1209.7	326.6	.1	1972.6	532.6	.1	2920.8	788.6
.2	1223.1	330.2	.2	1989.8	537.2	.2	2941.6	794.2
.3	1236.6	333.9	.3	2007.0	541.9	.3	2962.6	799.9
.4	1250.2	337.6	.4	2024.3	546.6	.4	2983.6	805.6
.5	1263.9	341.3	.5	2041.7	551.3	.5	3004.6	811.3
.6	1277.6	345.0	.6	2059.1	556.0	.6	3025.8	817.0
.7	1291.4	348.7	.7	2076.6	560.7	.7	3047.0	822.7
.8	1305.3	352.4	.8	2094.2	565.4	.8	3068.3	828.4
.9	1319.3	356.2	.9	2111.9	570.2	.9	3089.7	834.2
18.0	1333.3	360.0	23.0	2129.6	575.0	28.0	3111.1	840.0
.1	1347.4	363.8	.1	2147.4	579.8	.1	3132.6	845.8
.2	1361.6	367.6	.2	2165.3	584.6	.2	3154.2	851.6
.3	1375.9	371.5	.3	2183.3	589.5	.3	3175.9	857.5
.4	1390.2	375.4	.4	2201.3	594.4	.4	3197.6	863.4
.5	1404.6	379.3	.5	2219.4	599.3	.5	3219.4	869.3
.6	1419.1	383.2	.6	2237.6	604.2	.6	3241.3	875.2
.7	1433.7	387.1	.7	2255.9	609.1	.7	3263.3	881.1
.8	1448.3	391.0	.8	2274.2	614.0	.8	3285.3	887.0
.9	1463.0	395.0	.9	2292.6	619.0	.9	3307.4	893.0
19.0	1477.8	399.0	24.0	2311.1	624.0	29.0	3329.6	899.0
.1	1492.6	403.0	.1	2329.7	629.0	.1	3351.9	905.0
.2	1507.6	407.0	.2	2348.3	634.0	.2	3374.2	911.0
.3	1522.6	411.1	.3	2367.0	639.1	.3	3396.6	917.1
.4	1537.6	415.2	.4	2385.8	644.2	.4	3419.1	923.2
.5	1552.8	419.3	.5	2404.6	649.3	.5	3441.7	929.3
.6	1568.0	423.4	.6	2423.6	654.4	.6	3464.3	935.4
.7	1583.3	427.5	.7	2442.6	659.5	.7	3487 0	941.5
.8	1598.7	431.6	.8	2461.6	664.6	.8	3509.8	947.6
.9	1614.1	435.8	.9	2480.8	669.8	.9	3532.6	953.8
20.0	1629.6	440.0	25.0	2500.0	675.0	30.0	3555.6	960.0

TABLE I Side Slopes 1 : 1
Crown 3 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.15	0.310	5.1	153.0	41.3	10.1	490.0	132.3
.2	2.37	0.640	.2	157.9	42.6	.2	498.7	134.6
.3	3.67	0.99	.3	162.9	44.0	.3	507.4	137.0
.4	5.04	1.36	.4	168.0	45.4	.4	516.1	139.4
.5	6.5	1.75	.5	173.1	46.8	.5	525.0	141.8
.6	8.0	2.16	.6	178.4	48.2	.6	533.9	144.2
.7	9.6	2.59	.7	183.7	49.6	.7	542.9	146.6
.8	11.3	3.04	.8	189.0	51.0	.8	552.0	149.0
.9	13.0	3.51	.9	194.5	52.5	.9	561.1	151.5
1.0	14.8	4.00	6.0	200.0	54.0	11.0	570.4	154.0
.1	16.7	4.51	.1	205.6	55.5	.1	579.7	156.5
.2	18.7	5.04	.2	211.3	57.0	.2	589.0	159.0
.3	20.7	5.6	.3	217.0	58.6	.3	598.5	161.6
.4	22.8	6.2	.4	222.8	60.2	.4	608.0	164.2
.5	25.0	6.8	.5	228.7	61.8	.5	617.6	166.8
.6	27.3	7.4	.6	234.7	63.4	.6	627.3	169.4
.7	29.6	8.0	.7	240.7	65.0	.7	637.0	172.0
.8	32.0	8.6	.8	246.8	66.6	.8	646.8	174.6
.9	34.5	9.3	.9	253.0	68.3	.9	656.7	177.3
2.0	37.0	10.0	7.0	259.3	70.0	12.0	666.7	180.0
.1	39.7	10.7	.1	265.6	71.7	.1	676.7	182.7
.2	42.4	11.4	.2	272.0	73.4	.2	686.8	185.4
.3	45.1	12.2	.3	278.5	75.2	.3	697.0	188.2
.4	48.0	13.0	.4	285.0	77.0	.4	707.3	191.0
.5	50.9	13.8	.5	291.7	78.8	.5	717.6	193.8
.6	53.9	14.6	.6	298.4	80.6	.6	728.0	196.6
.7	57.0	15.4	.7	305.1	82.4	.7	738.5	199.4
.8	60.1	16.2	.8	312.0	84.2	.8	749.0	202.2
.9	63.4	17.1	.9	318.9	86.1	.9	759.7	205.1
3.0	66.7	18.0	8.0	325.9	88.0	13.0	770.4	208.0
.1	70.0	18.9	.1	333.0	89.9	.1	781.1	210.9
.2	73.5	19.8	.2	340.1	91.8	.2	792.0	213.8
.3	77.0	20.8	.3	347.4	93.8	.3	802.9	216.8
.4	80.6	21.8	.4	354.7	95.8	.4	813.9	219.8
.5	84.3	22.8	.5	362.0	97.8	.5	825.0	222.8
.6	88.0	23.8	.6	369.5	99.8	.6	836.1	225.8
.7	91.8	24.8	.7	377.0	101.8	.7	847.4	228.8
.8	95.7	25.8	.8	384.6	103.8	.8	858.7	231.8
.9	99.7	26.9	.9	392.3	105.9	.9	870.0	234.9
4.0	103.7	28.0	9.0	400.0	108.0	14.0	881.5	238.0
.1	107.8	29.1	.1	407.8	110.1	.1	893.0	241.1
.2	112.0	30.2	.2	415.7	112.2	.2	904.6	244.2
.3	116.3	31.4	.3	423.7	114.4	.3	916.3	247.4
.4	120.6	32.6	.4	431.7	116.6	.4	928.0	250.6
.5	125.0	33.8	.5	439.8	118.8	.5	939.8	253.8
.6	129.5	35.0	.6	448.0	121.0	.6	951.7	257.0
.7	134.0	36.2	.7	456.3	123.2	.7	963.7	260.2
.8	138.7	37.4	.8	464.6	125.4	.8	975.7	263.4
.9	143.4	38.7	.9	473.0	127.7	.9	987.8	266.7
5.0	148.1	40.0	10.0	481.5	130.0	15.0	1000.0	270.0

TABLE I Side Slopes 1 : 1
Crown 3 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1012.3	273.3	20.1	1719.7	464.3	25.1	2612.3	705.3
.2	1024.6	276.6	.2	1735.7	468.6	.2	2632.0	710.6
.3	1037.0	280.0	.3	1751.8	473.0	.3	2651.8	716.0
.4	1049.5	283.4	.4	1768.0	477.4	.4	2671.7	721.4
.5	1062.0	286.8	.5	1784.3	481.8	.5	2691.7	726.8
.6	1074.7	290.2	.6	1800.6	486.2	.6	2711.7	732.2
.7	1087.4	293.6	.7	1817.0	490.6	.7	2731.8	737.6
.8	1100.1	297.0	.8	1833.5	495.0	.8	2752.0	743.0
.9	1113.0	300.5	.9	1850.0	499.5	.9	2772.3	748.5
16.0	1125.9	304.0	21.0	1866.7	504.0	26.0	2792.6	754.0
.1	1138.9	307.5	.1	1883.4	508.5	.1	2813.0	759.5
.2	1152.0	311.0	.2	1900.1	513.0	.2	2833.5	765.0
.3	1165.1	314.6	.3	1917.0	517.6	.3	2854.0	770.6
.4	1178.4	318.2	.4	1933.9	522.2	.4	2874.7	776.2
.5	1191.7	321.8	.5	1950.9	526.8	.5	2895.4	781.8
.6	1205.0	325.4	.6	1968.0	531.4	.6	2916.1	787.4
.7	1218.5	329.0	.7	1985.1	536.0	.7	2937.0	793.0
.8	1232.0	332.6	.8	2002.4	540.6	.8	2957.9	798.6
.9	1245.6	336.3	.9	2019.7	545.3	.9	2978.9	804.3
17.0	1259.3	340.0	22.0	2037.0	550.0	27.0	3000.0	810.0
.1	1273.0	343.7	.1	2054.5	554.7	.1	3021.1	815.7
.2	1286.8	347.4	.2	2072.0	559.4	.2	3042.4	821.4
.3	1300.7	351.2	.3	2089.6	564.2	.3	3063.7	827.2
.4	1314.7	355.0	.4	2107.3	569.0	.4	3085.0	833.0
.5	1328.7	358.8	.5	2125.0	573.8	.5	3106.5	838.8
.6	1342.8	362.6	.6	2142.8	578.6	.6	3128.0	844.6
.7	1357.0	366.4	.7	2160.7	583.4	.7	3149.6	850.4
.8	1371.3	370.2	.8	2178.7	588.2	.8	3171.3	856.2
.9	1385.6	374.1	.9	2196.7	593.1	.9	3193.0	862.1
18.0	1400.0	378.0	23.0	2214.8	598.0	28.0	3214.8	868.0
.1	1414.5	381.9	.1	2233.0	602.9	.1	3236.7	873.9
.2	1429.0	385.8	.2	2251.3	607.8	.2	3258.7	879.8
.3	1443.7	389.8	.3	2269.6	612.8	.3	3280.7	885.8
.4	1458.4	393.8	.4	2288.0	617.8	.4	3302.8	891.8
.5	1473.1	397.8	.5	2306.5	622.8	.5	3325.0	897.8
.6	1488.0	401.8	.6	2325.0	627.8	.6	3347.3	903.8
.7	1502.9	405.8	.7	2343.7	632.8	.7	3369.6	909.8
.8	1517.9	409.8	.8	2362.4	637.8	.8	3392.0	915.8
.9	1533.0	413.9	.9	2381.1	642.9	.9	3414.5	921.9
19.0	1548.1	418.0	24.0	2400.0	648.0	29.0	3437.0	928.0
.1	1563.4	422.1	.1	2418.9	653.1	.1	3459.7	934.1
.2	1578.7	426.2	.2	2437.9	658.2	.2	3482.4	940.2
.3	1594.0	430.4	.3	2457.0	663.4	.3	3505.1	946.4
.4	1609.5	434.6	.4	2476.1	668.6	.4	3528.0	952.6
.5	1625.0	438.8	.5	2495.4	673.8	.5	3550.9	958.8
.6	1640.6	443.0	.6	2514.7	679.0	.6	3573.9	965.0
.7	1656.3	447.2	.7	2534.0	684.2	.7	3597.0	971.2
.8	1672.0	451.4	.8	2553.5	689.4	.8	3620.1	977.4
.9	1687.8	455.7	.9	2573.0	694.7	.9	3643.4	983.7
20.0	1703.7	460.0	25.0	2592.6	700.0	30.0	3666.7	990.0

TABLE I Side Slopes 1 : 1
Crown 4 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.52	0.410	5.1	171.9	46.4	10.1	527.4	142.4
.2	3.11	0.840	.2	177.2	47.8	.2	536.4	144.8
.3	4.78	1.29	.3	182.6	49.3	.3	545.5	147.3
.4	6.52	1.76	.4	188.0	50.8	.4	554.7	149.8
.5	8.3	2.25	.5	193.5	52.3	.5	563.9	152.3
.6	10.2	2.76	.6	199.1	53.8	.6	573.2	154.8
.7	12.2	3.29	.7	204.8	55.3	.7	582.6	157.3
.8	14.2	3.84	.8	210.5	56.8	.8	592.0	159.8
.9	16.3	4.41	.9	216.3	58.4	.9	601.5	162.4
1.0	18.5	5.00	6.0	222.2	60.0	11.0	611.1	165.0
.1	20.8	5.61	.1	228.2	61.6	.1	620.8	167.6
.2	23.1	6.2	.2	234.2	63.2	.2	630.5	170.2
.3	25.5	6.9	.3	240.3	64.9	.3	640.3	172.9
.4	28.0	7.6	.4	246.5	66.6	.4	650.2	175.6
.5	30.6	8.3	.5	252.8	68.3	.5	660.2	178.3
.6	33.2	9.0	.6	259.1	70.0	.6	670.2	181.0
.7	35.9	9.7	.7	265.5	71.7	.7	680.3	183.7
.8	38.7	10.4	.8	272.0	73.4	.8	690.5	186.4
.9	41.5	11.2	.9	278.6	75.2	.9	700.8	189.2
2.0	44.4	12.0	7.0	285.2	77.0	12.0	711.1	192.0
.1	47.4	12.8	.1	291.9	78.8	.1	721.5	194.8
.2	50.5	13.6	.2	298.7	80.6	.2	732.0	197.6
.3	53.7	14.5	.3	305.5	82.5	.3	742.6	200.5
.4	56.9	15.4	.4	312.4	84.4	.4	753.2	203.4
.5	60.2	16.3	.5	319.4	86.3	.5	763.9	206.3
.6	63.6	17.2	.6	326.5	88.2	.6	774.7	209.2
.7	67.0	18.1	.7	333.7	90.1	.7	785.5	212.1
.8	70.5	19.0	.8	340.9	92.0	.8	796.4	215.0
.9	74.1	20.0	.9	348.2	94.0	.9	807.4	218.0
3.0	77.8	21.0	8.0	355.6	96.0	13.0	818.5	221.0
.1	81.5	22.0	.1	363.0	98.0	.1	829.7	224.0
.2	85.3	23.0	.2	370.5	100.0	.2	840.9	227.0
.3	89.2	24.1	.3	378.1	102.1	.3	852.2	230.1
.4	93.2	25.2	.4	385.8	104.2	.4	863.6	233.2
.5	97.2	26.3	.5	393.5	106.3	.5	875.0	236.3
.6	101.3	27.4	.6	401.3	108.4	.6	886.5	239.4
.7	105.5	28.5	.7	409.2	110.5	.7	898.1	242.5
.8	109.8	29.6	.8	417.2	112.6	.8	909.8	245.6
.9	114.1	30.8	.9	425.2	114.8	.9	921.5	248.8
4.0	118.5	32.0	9.0	433.3	117.0	14.0	933.3	252.0
.1	123.0	33.2	.1	441.5	119.2	.1	945.2	255.2
.2	127.6	34.4	.2	449.8	121.4	.2	957.2	258.4
.3	132.2	35.7	.3	458.1	123.7	.3	969.2	261.7
.4	136.9	37.0	.4	466.5	126.0	.4	981.3	265.0
.5	141.7	38.3	.5	475.0	128.3	.5	993.5	268.3
.6	146.5	39.6	.6	483.6	130.6	.6	1005.8	271.6
.7	151.4	40.9	.7	492.2	132.9	.7	1018.1	274.9
.8	156.4	42.2	.8	500.9	135.2	.8	1030.5	278.2
.9	161.5	43.6	.9	509.7	137.6	.9	1043.0	281.6
5.0	166.7	45.0	10.0	518.5	140.0	15.0	1055.6	285.0

TABLE I Side Slopes 1 : 1
Crown 4 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1068.2	288.4	20.1	1794.1	484.4	25.1	2705.2	730.4
.2	1080.9	291.8	.2	1810.5	488.8	.2	2725.3	735.8
.3	1093.7	295.3	.3	1827.0	493.3	.3	2745.5	741.3
.4	1106.5	298.8	.4	1843.6	497.8	.4	2765.8	746.8
.5	1119.4	302.3	.5	1860.2	502.3	.5	2786.1	752.3
.6	1132.4	305.8	.6	1876.9	506.8	.6	2806.5	757.8
.7	1145.5	309.3	.7	1893.7	511.3	.7	2827.0	763.3
.8	1158.7	312.8	.8	1910.5	515.8	.8	2847.6	768.8
.9	1171.9	316.4	.9	1927.4	520.4	.9	2868.2	774.4
16.0	1185.2	320.0	21.0	1944.4	525.0	26.0	2888.9	780.0
.1	1198.6	323.6	.1	1961.5	529.6	.1	2909.7	785.6
.2	1212.0	327.2	.2	1978.7	534.2	.2	2930.5	791.2
.3	1225.5	330.9	.3	1995.9	538.9	.3	2951.4	796.9
.4	1239.1	334.6	.4	2013.2	543.6	.4	2972.4	802.6
.5	1252.8	338.3	.5	2030.6	548.3	.5	2993.5	808.3
.6	1266.5	342.0	.6	2048.0	553.0	.6	3014.7	814.0
.7	1280.3	345.7	.7	2065.5	557.7	.7	3035.9	819.7
.8	1294.2	349.4	.8	2083.1	562.4	.8	3057.2	825.4
.9	1308.2	353.2	.9	2100.8	567.2	.9	3078.6	831.2
17.0	1322.2	357.0	22.0	2118.5	572.0	27.0	3100.0	837.0
.1	1336.3	360.8	.1	2136.3	576.8	.1	3121.5	842.8
.2	1350.5	364.6	.2	2154.2	581.6	.2	3143.1	848.6
.3	1364.8	368.5	.3	2172.2	586.5	.3	3164.8	854.5
.4	1379.1	372.4	.4	2190.2	591.4	.4	3186.5	860.4
.5	1393.5	376.3	.5	2208.3	596.3	.5	3208.3	866.3
.6	1408.0	380.2	.6	2226.5	601.2	.6	3230.2	872.2
.7	1422.6	384.1	.7	2244.8	606.1	.7	3252.2	878.1
.8	1437.2	388.0	.8	2263.1	611.0	.8	3274.2	884.0
.9	1451.9	392.0	.9	2281.5	616.0	.9	3296.3	890.0
18.0	1466.7	396.0	23.0	2300.0	621.0	28.0	3318.5	896.0
.1	1481.5	400.0	.1	2318.6	626.0	.1	3340.8	902.0
.2	1496.4	404.0	.2	2337.2	631.0	.2	3363.1	908.0
.3	1511.4	408.1	.3	2355.9	636.1	.3	3385.5	914.1
.4	1526.5	412.2	.4	2374.7	641.2	.4	3408.0	920.2
.5	1541.7	416.3	.5	2393.5	646.3	.5	3430.6	926.3
.6	1556.9	420.4	.6	2412.4	651.4	.6	3453.2	932.4
.7	1572.2	424.5	.7	2431.4	656.5	.7	3475.9	938.5
.8	1587.6	428.6	.8	2450.5	661.6	.8	3498.7	944.6
.9	1603.0	432.8	.9	2469.7	666.8	.9	3521.5	950.8
19.0	1618.5	437.0	24.0	2488.9	672.0	29.0	3544.4	957.0
.1	1634.1	441.2	.1	2508.2	677.2	.1	3567.4	963.2
.2	1649.8	445.4	.2	2527.6	682.4	.2	3590.5	969.4
.3	1665.5	449.7	.3	2547.0	687.7	.3	3613.7	975.7
.4	1681.3	454.0	.4	2566.5	693.0	.4	3636.9	982.0
.5	1697.2	458.3	.5	2586.1	698.3	.5	3660.2	988.3
.6	1713.2	462.6	.6	2605.8	703.6	.6	3683.6	994.6
.7	1729.2	466.9	.7	2625.5	708.9	.7	3707.0	1000.9
.8	1745.3	471.2	.8	2645.3	714.2	.8	3730.5	1007.2
.9	1761.5	475.6	.9	2665.2	719.6	.9	3754.1	1013.6
20.0	1777.8	480.0	25.0	2685.2	725.0	30.0	3777.8	1020.0

TABLE I Side Slopes 1 : 1
Crown 5 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.89	0.51	5.1	190.8	51.5	10.1	564.9	152.5
.2	3.85	1.04	.2	196.4	53.0	.2	574.2	155.0
.3	5.89	1.59	.3	202.2	54.6	.3	583.7	157.6
.4	8.0	2.16	.4	208.0	56.2	.4	593.2	160.2
.5	10.2	2.75	.5	213.9	57.8	.5	602.8	162.8
.6	12.4	3.36	.6	219.9	59.4	.6	612.4	165.4
.7	14.8	3.99	.7	225.9	61.0	.7	622.2	168.0
.8	17.2	4.64	.8	232.0	62.6	.8	632.0	170.6
.9	19.7	5.31	.9	238.2	64.3	.9	641.9	173.3
1.0	22.2	6.0	6.0	244.4	66.0	11.0	651.9	176.0
.1	24.9	6.7	.1	250.8	67.7	.1	661.9	178.7
.2	27.6	7.4	.2	257.2	69.4	.2	672.0	181.4
.3	30.3	8.2	.3	263.7	71.2	.3	682.2	184.2
.4	33.2	9.0	.4	270.2	73.0	.4	692.4	187.0
.5	36.1	9.8	.5	276.9	74.8	.5	702.8	189.8
.6	39.1	10.6	.6	283.6	76.6	.6	713.2	192.6
.7	42.2	11.4	.7	290.3	78.4	.7	723.7	195.4
.8	45.3	12.2	.8	297.2	80.2	.8	734.2	198.2
.9	48.6	13.1	.9	304.1	82.1	.9	744.9	201.1
2.0	51.9	14.0	7.0	311.1	84.0	12.0	755.6	204.0
.1	55.2	14.9	.1	318.2	85.9	.1	766.3	206.9
.2	58.7	15.8	.2	325.3	87.8	.2	777.2	209.8
.3	62.2	16.8	.3	332.6	89.8	.3	788.1	212.8
.4	65.8	17.8	.4	339.9	91.8	.4	799.1	215.8
.5	69.4	18.8	.5	347.2	93.8	.5	810.2	218.8
.6	73.2	19.8	.6	354.7	95.8	.6	821.3	221.8
.7	77.0	20.8	.7	362.2	97.8	.7	832.6	224.8
.8	80.9	21.8	.8	369.8	99.8	.8	843.9	227.8
.9	84.9	22.9	.9	377.4	101.9	.9	855.2	230.9
3.0	88.9	24.0	8.0	385.2	104.0	13.0	866.7	234.0
.1	93.0	25.1	.1	393.0	106.1	.1	878.2	237.1
.2	97.2	26.2	.2	400.9	108.2	.2	889.8	240.2
.3	101.4	27.4	.3	408.9	110.4	.3	901.4	243.4
.4	105.8	28.6	.4	416.9	112.6	.4	913.2	246.6
.5	110.2	29.8	.5	425.0	114.8	.5	925.0	249.8
.6	114.7	31.0	.6	433.2	117.0	.6	936.9	253.0
.7	119.2	32.2	.7	441.4	119.2	.7	948.9	256.2
.8	123.9	33.4	.8	449.8	121.4	.8	960.9	259.4
.9	128.6	34.7	.9	458.2	123.7	.9	973.0	262.7
4.0	133.3	36.0	9.0	466.7	126.0	14.0	985.2	266.0
.1	138.2	37.3	.1	475.2	128.3	.1	997.4	269.3
.2	143.1	38.6	.2	483.9	130.6	.2	1009.8	272.6
.3	148.1	40.0	.3	492.6	133.0	.3	1022.2	276.0
.4	153.2	41.4	.4	501.3	135.4	.4	1034.7	279.4
.5	158.3	42.8	.5	510.2	137.8	.5	1047.2	282.8
.6	163.6	44.2	.6	519.1	140.2	.6	1059.9	286.2
.7	168.9	45.6	.7	528.1	142.6	.7	1072.6	289.6
.8	174.2	47.0	.8	537.2	145.0	.8	1085.3	293.0
.9	179.7	48.5	.9	546.3	147.5	.9	1098.2	296.5
5.0	185.2	50.0	10.0	555.6	150.0	15.0	1111.1	300.0

TABLE I Side Slopes 1 : 1
Crown 5 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1124.1	303.5	20.1	1868.6	504.5	25.1	2798.2	755.5
.2	1137.2	307.0	.2	1885.3	509.0	.2	2818.7	761.0
.3	1150.3	310.6	.3	1902.2	513.6	.3	2839.2	766.6
.4	1163.6	314.2	.4	1919.1	518.2	.4	2859.9	772.2
.5	1176.9	317.8	.5	1936.1	522.8	.5	2880.6	777.8
.6	1190.2	321.4	.6	1953.2	527.4	.6	2901.3	783.4
.7	1203.7	325.0	.7	1970.3	532.0	.7	2922.2	789.0
.8	1217.2	328.6	.8	1987.6	536.6	.8	2943.1	794.6
.9	1230.8	332.3	.9	2004.9	541.3	.9	2964.1	800.3
16.0	1244.4	336.0	21.0	2022.2	546.0	26.0	2985.2	806.0
.1	1258.2	339.7	.1	2039.7	550.7	.1	3006.3	811.7
.2	1272.0	343.4	.2	2057.2	555.4	.2	3027.6	817.4
.3	1285.9	347.2	.3	2074.8	560.2	.3	3048.9	823.2
.4	1299.9	351.0	.4	2092.4	565.0	.4	3070.2	829.0
.5	1313.9	354.8	.5	2110.2	569.8	.5	3091.7	834.8
.6	1328.0	358.6	.6	2128.0	574.6	.6	3113.2	840.6
.7	1342.2	362.4	.7	2145.9	579.4	.7	3134.8	846.4
.8	1356.4	366.2	.8	2163.9	584.2	.8	3156.4	852.2
.9	1370.8	370.1	.9	2181.9	589.1	.9	3178.2	858.1
17.0	1385.2	374.0	22.0	2200.0	594.0	27.0	3200.0	864.0
.1	1399.7	377.9	.1	2218.2	598.9	.1	3221.9	869.9
.2	1414.2	381.8	.2	2236.4	603.8	.2	3243.9	875.8
.3	1428.9	385.8	.3	2254.8	608.8	.3	3265.9	881.8
.4	1443.6	389.8	.4	2273.2	613.8	.4	3288.0	887.8
.5	1458.3	393.8	.5	2291.7	618.8	.5	3310.2	893.8
.6	1473.2	397.8	.6	2310.2	623.8	.6	3332.4	899.8
.7	1488.1	401.8	.7	2328.9	628.8	.7	3354.8	905.8
.8	1503.1	405.8	.8	2347.6	633.8	.8	3377.2	911.8
.9	1518.2	409.9	.9	2366.3	638.9	.9	3399.7	917.9
18.0	1533.3	414.0	23.0	2385.2	644.0	28.0	3422.2	924.0
.1	1548.6	418.1	.1	2404.1	649.1	.1	3444.9	930.1
.2	1563.9	422.2	.2	2423.1	654.2	.2	3467.6	936.2
.3	1579.2	426.4	.3	2442.2	659.4	.3	3490.3	942.4
.4	1594.7	430.6	.4	2461.3	664.6	.4	3513.2	948.6
.5	1610.2	434.8	.5	2480.6	669.8	.5	3536.1	954.8
.6	1625.8	439.0	.6	2499.9	675.0	.6	3559.1	961.0
.7	1641.4	443.2	.7	2519.2	680.2	.7	3582.2	967.2
.8	1657.2	447.4	.8	2538.7	685.4	.8	3605.3	973.4
.9	1673.0	451.7	.9	2558.2	690.7	.9	3628.6	979.7
19.0	1688.9	456.0	24.0	2577.8	696.0	29.0	3651.9	986.0
.1	1704.9	460.3	.1	2597.4	701.3	.1	3675.2	992.3
.2	1720.9	464.6	.2	2617.2	706.6	.2	3698.7	998.6
.3	1737.0	469.0	.3	2637.0	712.0	.3	3722.2	1005.0
.4	1753.2	473.4	.4	2656.9	717.4	.4	3745.8	1011.4
.5	1769.4	477.8	.5	2676.9	722.8	.5	3769.4	1017.8
.6	1785.8	482.2	.6	2696.9	728.2	.6	3793.2	1024.2
.7	1802.2	486.6	.7	2717.0	733.6	.7	3817.0	1030.6
.8	1818.7	491.0	.8	2737.2	739.0	.8	3840.9	1037.0
.9	1835.2	495.5	.9	2757.4	744.5	.9	3864.9	1043.5
20.0	1851.9	500.0	25.0	2777.8	750.0	30.0	3888.9	1050.

TABLE I Side Slopes 1 : 1
Crown 6 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	2.26	0.61	5.1	209.7	56.6	10.1	602.3	162.6
.2	4.59	1.24	.2	215.7	58.2	.2	612.0	165.2
.3	7.00	1.89	.3	221.8	59.9	.3	621.8	167.9
.4	9.5	2.56	.4	228.0	61.6	.4	631.7	170.6
.5	12.0	3.25	.5	234.3	63.3	.5	641.7	173.3
.6	14.7	3.96	.6	240.6	65.0	.6	651.7	176.0
.7	17.4	4.69	.7	247.0	66.7	.7	661.8	178.7
.8	20.1	5.44	.8	253.5	68.4	.8	672.0	181.4
.9	23.0	6.2	.9	260.0	70.2	.9	682.3	184.2
1.0	25.9	7.0	6.0	266.7	72.0	11.0	692.6	187.0
.1	28.9	7.8	.1	273.4	73.8	.1	703.0	189.8
.2	32.0	8.6	.2	280.1	75.6	.2	713.5	192.6
.3	35.1	9.5	.3	287.0	77.5	.3	724.0	195.5
.4	38.4	10.4	.4	293.9	79.4	.4	734.7	198.4
.5	41.7	11.3	.5	300.9	81.3	.5	745.4	201.3
.6	45.0	12.2	.6	308.0	83.2	.6	756.1	204.2
.7	48.5	13.1	.7	315.1	85.1	.7	767.0	207.1
.8	52.0	14.0	.8	322.4	87.0	.8	777.9	210.0
.9	55.6	15.0	.9	329.7	89.0	.9	788.9	213.0
2.0	59.3	16.0	7.0	337.0	91.0	12.0	800.0	216.0
.1	63.0	17.0	.1	344.5	93.0	.1	811.1	219.0
.2	66.8	18.0	.2	352.0	95.0	.2	822.4	222.0
.3	70.7	19.1	.3	359.6	97.1	.3	833.7	225.1
.4	74.7	20.2	.4	367.3	99.2	.4	845.0	228.2
.5	78.7	21.3	.5	375.0	101.3	.5	856.5	231.3
.6	82.8	22.4	.6	382.8	103.4	.6	868.0	234.4
.7	87.0	23.5	.7	390.7	105.5	.7	879.6	237.5
.8	91.3	24.6	.8	398.7	107.6	.8	891.3	240.6
.9	95.6	25.8	.9	406.7	109.8	.9	903.0	243.8
3.0	100.0	27.0	8.0	414.8	112.0	13.0	914.8	247.0
.1	104.5	28.2	.1	423.0	114.2	.1	926.7	250.2
.2	109.0	29.4	.2	431.3	116.4	.2	938.7	253.4
.3	113.7	30.7	.3	439.6	118.7	.3	950.7	256.7
.4	118.4	32.0	.4	448.0	121.0	.4	962.8	260.0
.5	123.1	33.3	.5	456.5	123.3	.5	975.0	263.3
.6	128.0	34.6	.6	465.0	125.6	.6	987.3	266.6
.7	132.9	35.9	.7	473.7	127.9	.7	999.6	269.9
.8	137.9	37.2	.8	482.4	130.2	.8	1012.0	273.2
.9	143.0	38.6	.9	491.1	132.6	.9	1024.5	276.6
4.0	148.1	40.0	9.0	500.0	135.0	14.0	1037.0	280.0
.1	153.4	41.4	.1	508.9	137.4	.1	1049.7	283.4
.2	158.7	42.8	.2	517.9	139.8	.2	1062.4	286.8
.3	164.0	44.3	.3	527.0	142.3	.3	1075.1	290.3
.4	169.5	45.8	.4	536.1	144.8	.4	1088.0	293.8
.5	175.0	47.3	.5	545.4	147.3	.5	1100.9	297.3
.6	180.6	48.8	.6	554.7	149.8	.6	1113.9	300.8
.7	186.3	50.3	.7	564.0	152.3	.7	1127.0	304.3
.8	192.0	51.8	.8	573.5	154.8	.8	1140.1	307.8
.9	197.8	53.4	.9	583.0	157.4	.9	1153.4	311.4
5.0	203.7	55.0	10.0	592.6	160.0	15.0	1166.7	315.0

TABLE I Side Slopes 1 : 1
Crown 6 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1180.0	318.6	20.1	1943.0	524.6	25.1	2891.1	780.6
.2	1193.5	322.2	.2	1960.1	529.2	.2	2912.0	786.2
.3	1207.0	325.9	.3	1977.4	533.9	.3	2932.9	791.9
.4	1220.6	329.6	.4	1994.7	538.6	.4	2953.9	797.6
.5	1234.3	333.3	.5	2012.0	543.3	.5	2975.0	803.3
.6	1248.0	337.0	.6	2029.5	548.0	.6	2996.1	809.0
.7	1261.8	340.7	.7	2047.0	552.7	.7	3017.4	814.7
.8	1275.7	344.4	.8	2064.6	557.4	.8	3038.7	820.4
.9	1289.7	348.2	.9	2082.3	562.2	.9	3060.0	826.2
16.0	1303.7	352.0	21.0	2100.0	567.0	26.0	3081.5	832.0
.1	1317.8	355.8	.1	2117.8	571.8	.1	3103.0	837.8
.2	1332.0	359.6	.2	2135.7	576.6	.2	3124.6	843.6
.3	1346.3	363.5	.3	2153.7	581.5	.3	3146.3	849.5
.4	1360.6	367.4	.4	2171.7	586.4	.4	3168.0	855.4
.5	1375.0	371.3	.5	2189.8	591.3	.5	3189.8	861.3
.6	1389.5	375.2	.6	2208.0	596.2	.6	3211.7	867.2
.7	1404.0	379.1	.7	2226.3	601.1	.7	3233.7	873.1
.8	1418.7	383.0	.8	2244.6	606.0	.8	3255.7	879.0
.9	1433.4	387.0	.9	2263.0	611.0	.9	3277.8	885.0
17.0	1448.1	391.0	22.0	2281.5	616.0	27.0	3300.0	891.0
.1	1463.0	395.0	.1	2300.0	621.0	.1	3322.3	897.0
.2	1477.9	399.0	.2	2318.7	626.0	.2	3344.6	903.0
.3	1492.9	403.1	.3	2337.4	631.1	.3	3367.0	909.1
.4	1508.0	407.2	.4	2356.1	636.2	.4	3389.5	915.2
.5	1523.1	411.3	.5	2375.0	641.3	.5	3412.0	921.3
.6	1538.4	415.4	.6	2393.9	646.4	.6	3434.7	927.4
.7	1553.7	419.5	.7	2412.9	651.5	.7	3457.4	933.5
.8	1569.0	423.6	.8	2432.0	656.6	.8	3480.1	939.6
.9	1584.5	427.8	.9	2451.1	661.8	.9	3503.0	945.8
18.0	1600.0	432.0	23.0	2470.4	667.0	28.0	3525.9	952.0
.1	1615.6	436.2	.1	2489.7	672.2	.1	3548.9	958.2
.2	1631.3	440.4	.2	2509.0	677.4	.2	3572.0	964.4
.3	1647.0	444.7	.3	2528.5	682.7	.3	3595.1	970.7
.4	1662.8	449.0	.4	2548.0	688.0	.4	3618.4	977.0
.5	1678.7	453.3	.5	2567.6	693.3	.5	3641.7	983.3
.6	1694.7	457.6	.6	2587.3	698.6	.6	3665.0	989.6
.7	1710.7	461.9	.7	2607.0	703.9	.7	3688.5	995.9
.8	1726.8	466.2	.8	2626.8	709.2	.8	3712.0	1002.2
.9	1743.0	470.6	.9	2646.7	714.6	.9	3735.6	1008.6
19.0	1759.3	475.0	24.0	2666.7	720.0	29.0	3759.3	1015.0
.1	1775.6	479.4	.1	2686.7	725.4	.1	3783.0	1021.4
.2	1792.0	483.8	.2	2706.8	730.8	.2	3806.8	1027.8
.3	1808.5	488.3	.3	2727.0	736.3	.3	3830.7	1034.3
.4	1825.0	492.8	.4	2747.3	741.8	.4	3854.7	1040.8
.5	1841.7	497.3	.5	2767.6	747.3	.5	3878.7	1047.3
.6	1858.4	501.8	.6	2788.0	752.8	.6	3902.8	1053.8
.7	1875.1	506.3	.7	2808.5	758.3	.7	3927.0	1060.3
.8	1892.0	510.8	.8	2829.0	763.8	.8	3951.3	1066.8
.9	1908.9	515.4	.9	2849.7	769.4	.9	3975.6	1073.4
20.0	1925.9	520.0	25.0	2870.4	775.0	30.0	4000.0	1080.0

TABLE I · Side Slopes 1 : 1
Crown 7 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	2.63	0.71	5.1	228.6	61.7	10.1	639.7	172.7
.2	5.33	1.44	.2	235.0	63.4	.2	649.8	175.4
.3	8.1	2.19	.3	241.4	65.2	.3	660.0	178.2
.4	11.0	2.96	.4	248.0	67.0	.4	670.2	181.0
.5	13.9	3.75	.5	254.6	68.8	.5	680.6	183.8
.6	16.9	4.56	.6	261.3	70.6	.6	691.0	186.6
.7	20.0	5.39	.7	268.1	72.4	.7	701.4	189.4
.8	23.1	6.2	.8	275.0	74.2	.8	712.0	192.2
.9	26.3	7.1	.9	281.9	76.1	.9	722.6	195.1
1.0	29.6	8.0	6.0	288.9	78.0	11.0	733.3	198.0
.1	33.0	8.9	.1	296.0	79.9	.1	744.1	200.9
.2	36.4	9.8	.2	303.1	81.8	.2	755.0	203.8
.3	40.0	10.8	.3	310.3	83.8	.3	765.9	206.8
.4	43.6	11.8	.4	317.6	85.8	.4	776.9	209.8
.5	47.2	12.8	.5	325.0	87.8	.5	788.0	212.8
.6	51.0	13.8	.6	332.4	89.8	.6	799.1	215.8
.7	54.8	14.8	.7	340.0	91.8	.7	810.3	218.8
.8	58.7	15.8	.8	347.6	93.8	.8	821.6	221.8
.9	62.6	16.9	.9	355.2	95.9	.9	833.0	224.9
2.0	66.7	18.0	7.0	363.0	98.0	12.0	844.4	228.0
.1	70.8	19.1	.1	370.8	100.1	.1	856.0	231.1
.2	75.0	20.2	.2	378.7	102.2	.2	867.6	234.2
.3	79.2	21.4	.3	386.6	104.4	.3	879.2	237.4
.4	83.6	22.6	.4	394.7	106.6	.4	891.0	240.6
.5	88.0	23.8	.5	402.8	108.8	.5	902.8	243.8
.6	92.4	25.0	.6	411.0	111.0	.6	914.7	247.0
.7	97.0	26.2	.7	419.2	113.2	.7	926.6	250.2
.8	101.6	27.4	.8	427.6	115.4	.8	938.7	253.4
.9	106.3	28.7	.9	436.0	117.7	.9	950.8	256.7
3.0	111.1	30.0	8.0	444.4	120.0	13.0	963.0	260.0
.1	116.0	31.3	.1	453.0	122.3	.1	975.2	263.3
.2	120.9	32.6	.2	461.6	124.6	.2	987.6	266.6
.3	125.9	34.0	.3	470.3	127.0	.3	1000.0	270.0
.4	131.0	35.4	.4	479.1	129.4	.4	1012.4	273.4
.5	136.1	36.8	.5	488.0	131.8	.5	1025.0	276.8
.6	141.3	38.2	.6	496.9	134.2	.6	1037.6	280.2
.7	146.6	39.6	.7	505.9	136.6	.7	1050.3	283.6
.8	152.0	41.0	.8	515.0	139.0	.8	1063.1	287.0
.9	157.4	42.5	.9	524.1	141.5	.9	1076.0	290.5
4.0	163.0	44.0	9.0	533.3	144.0	14.0	1088.9	294.0
.1	168.6	45.5	.1	542.6	146.5	.1	1101.9	297.5
.2	174.2	47.0	.2	552.0	149.0	.2	1115.0	301.0
.3	180.0	48.6	.3	561.4	151.6	.3	1128.1	304.6
.4	185.8	50.2	.4	571.0	154.2	.4	1141.3	308.2
.5	191.7	51.8	.5	580.6	156.8	.5	1154.6	311.8
.6	197.6	53.4	.6	590.2	159.4	.6	1168.0	315.4
.7	203.7	55.0	.7	600.0	162.0	.7	1181.4	319.0
.8	209.8	56.6	.8	609.8	164.6	.8	1195.0	322.6
.9	216.0	58.3	.9	619.7	167.3	.9	1208.6	326.3
5.0	222.2	60.0	10.0	629.6	170.0	15.0	1222.2	330.0

TABLE I Side Slopes 1 : 1
Crown 7 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1236.0	333.7	20.1	2017.4	544.7	25.1	2984.1	805.7
.2	1249.8	337.4	.2	2035.0	549.4	.2	3005.3	811.4
.3	1263.7	341.2	.3	2052.6	554.2	.3	3026.6	817.2
.4	1277.6	345.0	.4	2070.2	559.0	.4	3048.0	823.0
.5	1291.7	348.8	.5	2088.0	563.8	.5	3069.4	828.8
.6	1305.8	352.6	.6	2105.8	568.6	.6	3091.0	834.6
.7	1320.0	356.4	.7	2123.7	573.4	.7	3112.6	840.4
.8	1334.2	360.2	.8	2141.6	578.2	.8	3134.2	846.2
.9	1348.6	364.1	.9	2159.7	583.1	.9	3156.0	852.1
16.0	1363.0	368.0	21.0	2177.8	588.0	26.0	3177.8	858.0
.1	1377.4	371.9	.1	2196.0	592.9	.1	3199.7	863.9
.2	1392.0	375.8	.2	2214.2	597.8	.2	3221.6	869.8
.3	1406.6	379.8	.3	2232.6	602.8	.3	3243.7	875.8
.4	1421.3	383.8	.4	2251.0	607.8	.4	3265.8	881.8
.5	1436.1	387.8	.5	2269.4	612.8	.5	3288.0	887.8
.6	1451.0	391.8	.6	2288.0	617.8	.6	3310.2	893.8
.7	1465.9	395.8	.7	2306.6	622.8	.7	3332.6	899.8
.8	1480.9	399.8	.8	2325.3	627.8	.8	3355.0	905.8
.9	1496.0	403.9	.9	2344.1	632.9	.9	3377.4	911.9
17.0	1511.1	408.0	22.0	2363.0	638.0	27.0	3400.0	918.0
.1	1526.3	412.1	.1	2381.9	643.1	.1	3422.6	924.1
.2	1541.6	416.2	.2	2400.9	648.2	.2	3445.3	930.2
.3	1557.0	420.4	.3	2420.0	653.4	.3	3468.1	936.4
.4	1572.4	424.6	.4	2439.1	658.6	.4	3491.0	942.6
.5	1588.0	428.8	.5	2458.3	663.8	.5	3513.9	948.8
.6	1603.6	433.0	.6	2477.6	669.0	.6	3536.9	955.0
.7	1619.2	437.2	.7	2497.0	674.2	.7	3560.0	961.2
.8	1635.0	441.4	.8	2516.4	679.4	.8	3583.1	967.4
.9	1650.8	445.7	.9	2536.0	684.7	.9	3606.3	973.7
18.0	1666.7	450.0	23.0	2555.6	690.0	28.0	3629.6	980.0
.1	1682.6	454.3	.1	2575.2	695.3	.1	3653.0	986.3
.2	1698.7	458.6	.2	2595.0	700.6	.2	3676.4	992.6
.3	1714.8	463.0	.3	2614.8	706.0	.3	3700.0	999.0
.4	1731.0	467.4	.4	2634.7	711.4	.4	3723.6	1005.4
.5	1747.2	471.8	.5	2654.6	716.8	.5	3747.2	1011.8
.6	1763.6	476.2	.6	2674.7	722.2	.6	3771.0	1018.2
.7	1780.0	480.6	.7	2694.8	727.6	.7	3794.8	1024.6
.8	1796.4	485.0	.8	2715.0	733.0	.8	3818.7	1031.0
.9	1813.0	489.5	.9	2735.2	738.5	.9	3842.6	1037.5
19.0	1829.6	494.0	24.0	2755.6	744.0	29.0	3866.7	1044.0
.1	1846.3	498.5	.1	2776.0	749.5	.1	3890.8	1050.5
.2	1863.1	503.0	.2	2796.4	755.0	.2	3915.0	1057.0
.3	1880.0	507.6	.3	2817.0	760.6	.3	3939.2	1063.6
.4	1896.9	512.2	.4	2837.6	766.2	.4	3963.6	1070.2
.5	1913.9	516.8	.5	2858.3	771.8	.5	3988.0	1076.8
.6	1931.0	521.4	.6	2879.1	777.4	.6	4012.4	1083.4
.7	1948.1	526.0	.7	2900.0	783.0	.7	4037.0	1090.0
.8	1965.3	530.6	.8	2920.9	788.6	.8	4061.6	1096.6
.9	1982.6	535.3	.9	2941.9	794.3	.9	4086.3	1103.3
20.0	2000.0	540.0	25.0	2963.0	800.0	30.0	4111.1	1110.0

TABLE I Side Slopes 1 : 1
Crown 8 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.00	0.81	5.1	247.4	66.8	10.1	677.1	182.8
.2	6.07	1.64	.2	254.2	68.6	.2	687.6	185.6
.3	9.2	2.49	.3	261.1	70.5	.3	698.1	188.5
.4	12.4	3.36	.4	268.0	72.4	.4	708.7	191.4
.5	15.7	4.25	.5	275.0	74.3	.5	719.4	194.3
.6	19.1	5.16	.6	282.1	76.2	.6	730.2	197.2
.7	22.6	6.1	.7	289.2	78.1	.7	741.1	200.1
.8	26.1	7.0	.8	296.4	80.0	.8	752.0	203.0
.9	29.7	8.0	.9	303.7	82.0	.9	763.0	206.0
1.0	33.3	9.0	6.0	311.1	84.0	11.0	774.1	209.0
.1	37.1	10.0	.1	318.6	86.0	.1	785.2	212.0
.2	40.9	11.0	.2	326.1	88.0	.2	796.4	215.0
.3	44.8	12.1	.3	333.7	90.1	.3	807.7	218.1
.4	48.7	13.2	.4	341.3	92.2	.4	819.1	221.2
.5	52.8	14.3	.5	349.1	94.3	.5	830.6	224.3
.6	56.9	15.4	.6	356.9	96.4	.6	842.1	227.4
.7	61.1	16.5	.7	364.8	98.5	.7	853.7	230.5
.8	65.3	17.6	.8	372.7	100.6	.8	865.3	233.6
.9	69.7	18.8	.9	380.8	102.8	.9	877.1	236.8
2.0	74.1	20.0	7.0	388.9	105.0	12.0	888.9	240.0
.1	78.6	21.2	.1	397.1	107.2	.1	900.8	243.2
.2	83.1	22.4	.2	405.3	109.4	.2	912.7	246.4
.3	87.7	23.7	.3	413.7	111.7	.3	924.8	249.7
.4	92.4	25.0	.4	422.1	114.0	.4	936.9	253.0
.5	97.2	26.3	.5	430.6	116.3	.5	949.1	256.3
.6	102.1	27.6	.6	439.1	118.6	.6	961.3	259.6
.7	107.0	28.9	.7	447.7	120.9	.7	973.7	262.9
.8	112.0	30.2	.8	456.4	123.2	.8	986.1	266.2
.9	117.1	31.6	.9	465.2	125.6	.9	998.6	269.6
3.0	122.2	33.0	8.0	474.1	128.0	13.0	1011.1	273.0
.1	127.4	34.4	.1	483.0	130.4	.1	1023.7	276.4
.2	132.7	35.8	.2	492.0	132.8	.2	1036.4	279.8
.3	138.1	37.3	.3	501.1	135.3	.3	1049.2	283.3
.4	143.6	38.8	.4	510.2	137.8	.4	1062.1	286.8
.5	149.1	40.3	.5	519.4	140.3	.5	1075.0	290.3
.6	154.7	41.8	.6	528.7	142.8	.6	1088.0	293.8
.7	160.3	43.3	.7	538.1	145.3	.7	1101.1	297.3
.8	166.1	44.8	.8	547.6	147.8	.8	1114.2	300.8
.9	171.9	46.4	.9	557.1	150.4	.9	1127.4	304.4
4.0	177.8	48.0	9.0	566.7	153.0	14.0	1140.7	308.0
.1	183.7	49.6	.1	576.3	155.6	.1	1154.1	311.6
.2	189.8	51.2	.2	586.1	158.2	.2	1167.6	315.2
.3	195.9	52.9	.3	595.9	160.9	.3	1181.1	318.9
.4	202.1	54.6	.4	605.8	163.6	.4	1194.7	322.6
.5	208.3	56.3	.5	615.7	166.3	.5	1208.3	326.3
.6	214.7	58.0	.6	625.8	169.0	.6	1222.1	330.0
.7	221.1	59.7	.7	635.9	171.7	.7	1235.9	333.7
.8	227.6	61.4	.8	646.1	174.4	.8	1249.8	337.4
.9	234.1	63.2	.9	656.3	177.2	.9	1263.7	341.2
5.0	240.7	65.0	10.0	666.7	180.0	15.0	1277.8	345.0

TABLE I Side Slopes 1 : 1
Crown 8 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1291.9	348.8	20.1	2091.9	564.8	25.1	3077.1	830.8
.2	1306.1	352.6	.2	2109.8	569.6	.2	3098.7	836.6
.3	1320.3	356.5	.3	2127.7	574.5	.3	3120.3	842.5
.4	1334.7	360.4	.4	2145.8	579.4	.4	3142.1	848.4
.5	1349.1	364.3	.5	2163.9	584.3	.5	3163.9	854.3
.6	1363.6	368.2	.6	2182.1	589.2	.6	3185.8	860.2
.7	1378.1	372.1	.7	2200.3	594.1	.7	3207.7	866.1
.8	1392.7	376.0	.8	2218.7	599.0	.8	3229.8	872.0
.9	1407.4	380.0	.9	2237.1	604.0	.9	3251.9	878.0
16.0	1422.2	384.0	21.0	2255.6	609.0	26.0	3274.1	884.0
.1	1437.1	388.0	.1	2274.1	614.0	.1	3296.3	890.0
.2	1452.0	392.0	.2	2292.7	619.0	.2	3318.7	896.0
.3	1467.0	396.1	.3	2311.4	624.1	.3	3341.1	902.1
.4	1482.1	400.2	.4	2330.2	629.2	.4	3363.6	908.2
.5	1497.2	404.3	.5	2349.1	634.3	.5	3386.1	914.3
.6	1512.4	408.4	.6	2368.0	639.4	.6	3408.7	920.4
.7	1527.7	412.5	.7	2387.0	644.5	.7	3431.4	926.5
.8	1543.1	416.6	.8	2406.1	649.6	.8	3454.2	932.6
.9	1558.6	420.8	.9	2425.2	654.8	.9	3477.1	938.8
17.0	1574.1	425.0	22.0	2444.4	660.0	27.0	3500.0	945.0
.1	1589.7	429.2	.1	2463.7	665.2	.1	3523.0	951.2
.2	1605.3	433.4	.2	2483.1	670.4	.2	3546.1	957.4
.3	1621.1	437.7	.3	2502.6	675.7	.3	3569.2	963.7
.4	1636.9	442.0	.4	2522.1	681.0	.4	3592.4	970.0
.5	1652.8	446.3	.5	2541.7	686.3	.5	3615.7	976.3
.6	1668.7	450.6	.6	2561.3	691.6	.6	3639.1	982.6
.7	1684.8	454.9	.7	2581.1	696.9	.7	3662.6	988.9
.8	1700.9	459.2	.8	2600.9	702.2	.8	3686.1	995.2
.9	1717.1	463.6	.9	2620.8	707.6	.9	3709.7	1001.6
18.0	1733.3	468.0	23.0	2640.7	713.0	28.0	3733.3	1008.0
.1	1749.7	472.4	.1	2660.8	718.4	.1	3757.1	1014.4
.2	1766.1	476.8	.2	2680.9	723.8	.2	3780.9	1020.8
.3	1782.6	481.3	.3	2701.1	729.3	.3	3804.8	1027.3
.4	1799.1	485.8	.4	2721.3	734.8	.4	3828.7	1033.8
.5	1815.7	490.3	.5	2741.7	740.3	.5	3852.8	1040.3
.6	1832.4	494.8	.6	2762.1	745.8	.6	3876.9	1046.8
.7	1849.2	499.3	.7	2782.6	751.3	.7	3901.1	1053.3
.8	1866.1	503.8	.8	2803.1	756.8	.8	3925.3	1059.8
.9	1883.0	508.4	.9	2823.7	762.4	.9	3949.7	1066.4
19.0	1900.0	513.0	24.0	2844.4	768.0	29.0	3974.1	1073.0
.1	1917.1	517.6	.1	2865.2	773.6	.1	3998.6	1079.6
.2	1934.2	522.2	.2	2886.1	779.2	.2	4023.1	1086.2
.3	1951.4	526.9	.3	2907.0	784.9	.3	4047.7	1092.9
.4	1968.7	531.6	.4	2928.0	790.6	.4	4072.4	1099.6
.5	1986.1	536.3	.5	2949.1	796.3	.5	4097.2	1106.3
.6	2003.6	541.0	.6	2970.2	802.0	.6	4122.1	1113.0
.7	2021.1	545.7	.7	2991.4	807.7	.7	4147.0	1119.7
.8	2038.7	550.4	.8	3012.7	813.4	.8	4172.0	1126.4
.9	2056.3	555.2	.9	3034.1	819.2	.9	4197.1	1133.2
20.0	2074.1	560.0	25.0	3055.6	825.0	30.0	4222.2	1140.0

TABLE I Side Slopes 1 : 1
Crown 9 Feet

ertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.37	0.91	5.1	266.3	71.9	10.1	714.5	192.9
.2	6.81	1.84	.2	273.5	73.8	.2	725.3	195.8
.3	10.3	2.79	.3	280.7	75.8	.3	736.3	198.8
.4	13.9	3.76	.4	288.0	77.8	.4	747.3	201.8
.5	17.6	4.75	.5	295.4	79.8	.5	758.3	204.8
.6	21.3	5.76	.6	302.8	81.8	.6	769.5	207.8
.7	25.1	6.8	.7	310.3	83.8	.7	780.7	210.8
.8	29.0	7.8	.8	317.9	85.8	.8	792.0	213.8
.9	33.0	8.9	.9	325.6	87.9	.9	803.4	216.9
1.0	37.0	10.0	6.0	333.3	90.0	11.0	814.8	220.0
.1	41.1	11.1	.1	341.1	92.1	.1	826.3	223.1
.2	45.3	12.2	.2	349.0	94.2	.2	837.9	226.2
.3	49.6	13.4	.3	357.0	96.4	.3	849.6	229.4
.4	53.9	14.6	.4	365.0	98.6	.4	861.3	232.6
.5	58.3	15.8	.5	373.1	100.8	.5	873.1	235.8
.6	62.8	17.0	.6	381.3	103.0	.6	885.0	239.0
.7	67.4	18.2	.7	389.6	105.2	.7	897.0	242.2
.8	72.0	19.4	.8	397.9	107.4	.8	909.0	245.4
.9	76.7	20.7	.9	406.3	109.7	.9	921.1	248.7
2.0	81.5	22.0	7.0	414.8	112.0	12.0	933.3	252.0
.1	86.3	23.3	.1	423.4	114.3	.1	945.6	255.3
.2	91.3	24.6	.2	432.0	116.6	.2	957.9	258.6
.3	96.3	26.0	.3	440.7	119.0	.3	970.3	262.0
.4	101.3	27.4	.4	449.5	121.4	.4	982.8	265.4
.5	106.5	28.8	.5	458.3	123.8	.5	995.4	268.8
.6	111.7	30.2	.6	467.3	126.2	.6	1008.0	272.2
.7	117.0	31.6	.7	476.3	128.6	.7	1020.7	275.6
.8	122.4	33.0	.8	485.3	131.0	.8	1033.5	279.0
.9	127.8	34.5	.9	494.5	133.5	.9	1046.3	282.5
3.0	133.3	36.0	8.0	503.7	136.0	13.0	1059.3	286.0
.1	138.9	37.5	.1	513.0	138.5	.1	1072.3	289.5
.2	144.6	39.0	.2	522.4	141.0	.2	1085.3	293.0
.3	150.3	40.6	.3	531.8	143.6	.3	1098.5	296.6
.4	156.1	42.2	.4	541.3	146.2	.4	1111.7	300.2
.5	162.0	43.8	.5	550.9	148.8	.5	1125.0	303.8
.6	168.0	45.4	.6	560.6	151.4	.6	1138.4	307.4
.7	174.0	47.0	.7	570.3	154.0	.7	1151.8	311.0
.8	180.1	48.6	.8	580.1	156.6	.8	1165.3	314.6
.9	186.3	50.3	.9	590.0	159.3	.9	1178.9	318.3
4.0	192.6	52.0	9.0	600.0	162.0	14.0	1192.6	322.0
.1	198.9	53.7	.1	610.0	164.7	.1	1206.3	325.7
.2	205.3	55.4	.2	620.1	167.4	.2	1220.1	329.4
.3	211.8	57.2	.3	630.3	170.2	.3	1234.0	333.2
.4	218.4	59.0	.4	640.6	173.0	.4	1248.0	337.0
.5	225.0	60.8	.5	650.9	175.8	.5	1262.0	340.8
.6	231.7	62.6	.6	661.3	178.6	.6	1276.1	344.6
.7	238.5	64.4	.7	671.8	181.4	.7	1290.3	348.4
.8	245.3	66.2	.8	682.4	184.2	.8	1304.6	352.2
.9	252.3	68.1	.9	693.0	187.1	.9	1318.9	356.1
5.0	259.3	70.0	10.0	703.7	190.0	15.0	1333.3	360.0

TABLE I Side Slopes 1 : 1
Crown 9 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1347.8	363.9	20.1	2166.3	584.9	25.1	3170.0	855.9
.2	1362.4	367.8	.2	2184.6	589.8	.2	3192.0	861.8
.3	1377.0	371.8	.3	2202.9	594.8	.3	3214.0	867.8
.4	1391.7	375.8	.4	2221.3	599.8	.4	3236.1	873.8
.5	1406.5	379.8	.5	2239.8	604.8	.5	3258.3	879.8
.6	1421.3	383.8	.6	2258.4	609.8	.6	3280.6	885.8
.7	1436.3	387.8	.7	2277.0	614.8	.7	3302.9	891.8
.8	1451.3	391.8	.8	2295.7	619.8	.8	3325.3	897.8
.9	1466.3	395.9	.9	2314 5	624.9	.9	3347.8	903.9
16.0	1481.5	400.0	21.0	2333.3	630.0	26.0	3370.4	910.0
.1	1496.7	404.1	.1	2352.3	635.1	.1	3393.0	916.1
.2	1512.0	408.2	.2	2371.3	640.2	.2	3415.7	922.2
.3	1527.4	412.4	.3	2390.3	645.4	.3	3438.5	928.4
.4	1542.8	416.6	.4	2409.5	650.6	.4	3461.3	934.6
.5	1558.3	420.8	.5	2428.7	655.8	.5	3484.3	940.8
.6	1573.9	425.0	.6	2448.0	661.0	.6	3507.3	947.0
.7	1589.6	429.2	.7	2467.4	666.2	.7	3530.3	953.2
.8	1605.3	433.4	.8	2486.8	671.4	.8	3553.5	959.4
.9	1621.1	437.7	.9	2506.3	676.7	.9	3576.7	965.7
17.0	1637.0	442.0	22.0	2525.9	682.0	27.0	3600.0	972.0
.1	1653.0	446.3	.1	2545.6	687.3	.1	3623.4	978.3
.2	1669.0	450.6	.2	2565.3	692.6	.2	3646.8	984.6
.3	1685.1	455.0	.3	2585.1	698.0	.3	3670.3	991.0
.4	1701.3	459.4	.4	2605.0	703.4	.4	3693.9	997.4
.5	1717.6	463.8	.5	2625.0	708.8	.5	3717.6	1003.8
.6	1733.9	468.2	.6	2645.0	714.2	.6	3741.3	1010.2
.7	1750.3	472.6	.7	2665.1	719.6	.7	3765.1	1016.6
.8	1766.8	477.0	.8	2685 3	725.0	.8	3789.0	1023.0
.9	1783.4	481.5	.9	2705.6	730.5	.9	3813.0	1029.5
18.0	1800.0	486.0	23.0	2725.9	736.0	28.0	3837.0	1036.0
.1	1816.7	490.5	.1	2746.3	741.5	.1	3861.1	1042.5
.2	1833.5	495.0	.2	2766.8	747.0	.2	3885.3	1049.0
.3	1850.3	499.6	.3	2787.4	752.6	.3	3909.6	1055.6
.4	1867.3	504.2	.4	2808.0	758.2	.4	3933.9	1062.2
.5	1884.3	508.8	.5	2828.7	763.8	.5	3958.3	1068.8
.6	1901.3	513.4	.6	2849.5	769.4	.6	3982.8	1075.4
.7	1918.5	518.0	.7	2870.3	775.0	.7	4007.4	1082.0
.8	1935.7	522.6	.8	2891.3	780.6	.8	4032.0	1088.6
.9	1953.0	527.3	.9	2912.3	786.3	.9	4056.7	1095.3
19.0	1970.4	532.0	24.0	2933.3	792.0	29.0	4081.5	1102.0
.1	1987.8	536.7	.1	2954.5	797.7	.1	4106.3	1108.7
.2	2005.3	541.4	.2	2975.7	803.4	.2	4131.3	1115.4
.3	2022.9	546.2	.3	2997.0	809.2	.3	4156.3	1122.2
.4	2040.6	551.0	.4	3018.4	815.0	.4	4181.3	1129.0
.5	2058.3	555.8	.5	3039.8	820.8	.5	4206.5	1135.8
.6	2076.1	560.6	.6	3061.3	826.6	.6	4231.7	1142.6
.7	2094.0	565.4	.7	3082.9	832.4	.7	4257.0	1149.4
.8	2112.0	570.2	.8	3104.6	838.2	.8	4282.4	1156.2
.9	2130.0	575.1	.9	3126.3	844.1	.9	4307.8	1163.1
20.0	2148.1	580.0	25.0	3148.1	850.0	30.0	4333.3	1170.0

TABLE I Side Slopes 1 : 1
Crown 10 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.74	1.01	5.1	285.2	77.0	10.1	751.9	203.0
.2	7.56	2.04	.2	292.7	79.0	.2	763.1	206.0
.3	11.4	3.09	.3	300.3	81.1	.3	774.4	209.1
.4	15.4	4.16	.4	308.0	83.2	.4	785.8	212.2
.5	19.4	5.25	.5	315.7	85.3	.5	797.2	215.3
.6	23.6	6.4	.6	323.6	87.4	.6	808.7	218.4
.7	27.7	7.5	.7	331.4	89.5	.7	820.3	221.5
.8	32.0	8.6	.8	339.4	91.6	.8	832.0	224.6
.9	36.3	9.8	.9	347.4	93.8	.9	843.7	227.8
1.0	40.7	11.0	6.0	355.6	96.0	11.0	855.6	231.0
.1	45.2	12.2	.1	363.7	98.2	.1	867.4	234.2
.2	49.8	13.4	.2	372.0	100.4	.2	879.4	237.4
.3	54.4	14.7	.3	380.3	102.7	.3	891.4	240.7
.4	59.1	16.0	.4	388.7	105.0	.4	903.6	244.0
.5	63.9	17.3	.5	397.2	107.3	.5	915.7	247.3
.6	68.7	18.6	.6	405.8	109.6	.6	928.0	250.6
.7	73 7	19.9	.7	414.4	111.9	.7	940.3	253.9
.8	78.7	21.2	.8	423.1	114.2	.8	952.7	257.2
.9	83.7	22.6	.9	431.9	116.6	.9	965.2	260.6
2.0	88.9	24.0	7.0	440.7	119.0	12.0	977.8	264.0
.1	94.1	25.4	.1	449.7	121.4	.1	990.4	267.4
.2	99.4	26.8	.2	458.7	123.8	.2	1003.1	270.8
.3	104.8	28.3	.3	467.7	126.3	.3	1015.9	274.3
.4	110.2	29.8	.4	476.9	128.8	.4	1028.7	277.8
.5	115.7	31.3	.5	486.1	131.3	.5	1041.7	281.3
.6	121.3	32.8	.6	495.4	133.8	.6	1054.7	284.8
.7	127.0	34.3	.7	504.8	136.3	.7	1067.7	288.3
.8	132.7	35.8	.8	514.2	138.8	.8	1080.9	291.8
.9	138.6	37.4	.9	523.7	141.4	.9	1094.1	295.4
3.0	144.4	39.0	8.0	533.3	144.0	13.0	1107.4	299.0
.1	150.4	40.6	.1	543.0	146.6	.1	1120.8	302.6
.2	156.4	42.2	.2	552.7	149.2	.2	1134.2	306.2
.3	162.6	43.9	.3	562.6	151.9	.3	1147.7	309.9
.4	168.7	45.6	.4	572.4	154.6	.4	1161.3	313.6
.5	175.0	47.3	.5	582.4	157.3	.5	1175.0	317.3
.6	181.3	49.0	.6	592.4	160.0	.6	1188.7	321.0
.7	187.7	50.7	.7	602.6	162.7	.7	1202.6	324.7
.8	194.2	52.4	.8	612.7	165.4	.8	1216.4	328.4
.9	200.8	54.2	.9	623.0	168.2	.9	1230.4	332.2
4.0	207.4	56.0	9.0	633.3	171.0	14.0	1244.4	336.0
.1	214.1	57.8	.1	643.7	173.8	.1	1258.6	339.8
.2	220.9	59.6	.2	654.2	176.6	.2	1272.7	343.6
.3	227.7	61.5	.3	664.8	179.5	.3	1287.0	347.5
.4	234.7	63.4	.4	675.4	182.4	.4	1301.3	351.4
.5	241.7	65.3	.5	686.1	185.3	.5	1315.7	355.3
.6	248.7	67.2	.6	696.9	188.2	.6	1330.2	359.2
.7	255.9	69.1	.7	707.7	191.1	.7	1344.8	363.1
.8	263.1	71.0	.8	718.7	194.0	.8	1359.4	367.0
.9	270.4	73.0	.9	729.7	197.0	.9	1374.1	371.0
5.0	277.8	75.0	10.0	740.7	200.0	15.0	1388.9	375.0

TABLE I Side Slopes 1 : 1
Crown 10 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1403.7	379.0	20.1	2240.8	605.0	25.1	3263.0	881.0
.2	1418.7	383.0	.2	2259.4	610.0	.2	3285.3	887.0
.3	1433.7	387.1	.3	2278.1	615.1	.3	3307.7	893.1
.4	1448.7	391.2	.4	2296.9	620.2	.4	3330.2	899.2
.5	1463.9	395.3	.5	2315.7	625.3	.5	3352.8	905.3
.6	1479.1	399.4	.6	2334.7	630.4	.6	3375.4	911.4
.7	1494.4	403.5	.7	2353.7	635.5	.7	3398.1	917.5
.8	1509.8	407.6	.8	2372.7	640.6	.8	3420.9	923.6
.9	1525.2	411.8	.9	2391.9	645.8	.9	3443.7	929.8
16.0	1540.7	416.0	21.0	2411.1	651.0	26.0	3466.7	936.0
.1	1556.3	420.2	.1	2430.4	656.2	.1	3489.7	942.2
.2	1572.0	424.4	.2	2449.8	661.4	.2	3512.7	948.4
.3	1587.7	428.7	.3	2469.2	666.7	.3	3535.9	954.7
.4	1603.6	433.0	.4	2488.7	672.0	.4	3559.1	961.0
.5	1619.4	437.3	.5	2508.3	677.3	.5	3582.4	967.3
.6	1635.4	441.6	.6	2528.0	682.6	.6	3605.8	973.6
.7	1651.4	445.9	.7	2547.7	687.9	.7	3629.2	979.9
.8	1667.6	450.2	.8	2567.6	693.2	.8	3652.7	986.2
.9	1683.7	454.6	.9	2587.4	698.6	.9	3676.3	992.6
17.0	1700.0	459.0	22.0	2607.4	704.0	27.0	3700.0	999.0
.1	1716.3	463.4	.1	2627.4	709.4	.1	3723.7	1005.4
.2	1732.7	467.8	.2	2647.6	714.8	.2	3747.6	1011.8
.3	1749.2	472.3	.3	2667.7	720.3	.3	3771.4	1018.3
.4	1765.8	476.8	.4	2688.0	725.8	.4	3795.4	1024.8
.5	1782.4	481.3	.5	2708.3	731.3	.5	3819.4	1031.3
.6	1799.1	485.8	.6	2728.7	736.8	.6	3843.6	1037.8
.7	1815.9	490.3	.7	2749.2	742.3	.7	3867.7	1044.3
.8	1832.7	494.8	.8	2769.8	747.8	.8	3892.0	1050.8
.9	1849.7	499.4	.9	2790.4	753.4	.9	3916.3	1057.4
18.0	1866.7	504.0	23.0	2811.1	759.0	28.0	3940.7	1064.0
.1	1883.7	508.6	.1	2831.9	764.6	.1	3965.2	1070.6
.2	1900.9	513.2	.2	2852.7	770.2	.2	3989.8	1077.2
.3	1918.1	517.9	.3	2873.7	775.9	.3	4014.4	1083.9
.4	1935.4	522.6	.4	2894.7	781.6	.4	4039.1	1090.6
.5	1952.8	527.3	.5	2915.7	787.3	.5	4063.9	1097.3
.6	1970.2	532.0	.6	2936.9	793.0	.6	4088.7	1104.0
.7	1987.7	536.7	.7	2958.1	798.7	.7	4113.7	1110.7
.8	2005.3	541.4	.8	2979.4	804.4	.8	4138.7	1117.4
.9	2023.0	546.2	.9	3000.8	810.2	.9	4163.7	1124.2
19.0	2040.7	551.0	24.0	3022.2	816.0	29.0	4188.9	1131.0
.1	2058.6	555.8	.1	3043.7	821.8	.1	4214.1	1137.8
.2	2076.4	560.6	.2	3065.3	827.6	.2	4239.4	1144.6
.3	2094.4	565.5	.3	3087.0	833.5	.3	4264.8	1151.5
.4	2112.4	570.4	.4	3108.7	839.4	.4	4290.2	1158.4
.5	2130.6	575.3	.5	3130.6	845.3	.5	4315.7	1165.3
.6	2148.7	580.2	.6	3152.4	851.2	.6	4341.3	1172.2
.7	2167.0	585.1	.7	3174.4	857.1	.7	4367.0	1179.1
.8	2185.3	590.0	.8	3196.4	863.0	.8	4392.7	1186.0
.9	2203.7	595.0	.9	3218.6	869.0	.9	4418.6	1193.0
20.0	2222.2	600.0	25.0	3240.7	875.0	30.0	4444.4	1200.0

TABLE II Side Slopes 1½ : 1
Crown 1 Foot

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	0.426	0.115	5.1	163.4	44.1	10.1	604.1	163.1
.2	0.963	0.260	.2	169.5	45.8	.2	615.8	166.3
.3	1.61	0.435	.3	175.7	47.4	.3	627.5	169.4
.4	2.37	0.640	.4	182.0	49.1	.4	639.4	172.6
.5	3.24	0.88	.5	188.4	50.9	.5	651.4	175.9
.6	4.22	1.14	.6	195.0	52.6	.6	663.5	179.1
.7	5.31	1.44	.7	201.6	54.4	.7	675.7	182.4
.8	6.5	1.76	.8	208.4	56.3	.8	688.0	185.8
.9	7.8	2.12	.9	215.2	58.1	.9	700.4	189.1
1.0	9.3	2.50	6.0	222.2	60.0	11.0	713.0	192.5
.1	10.8	2.92	.1	229.3	61.9	.1	725.6	195.9
.2	12.4	3.36	.2	236.5	63.9	.2	738.4	199.4
.3	14.2	3.84	.3	243.8	65.8	.3	751.2	202.8
.4	16.1	4.34	.4	251.3	67.8	.4	764.2	206.3
.5	18.1	4.88	.5	258.8	69.9	.5	777.3	209.9
.6	20.1	5.44	.6	266.4	71.9	.6	790.5	213.4
.7	22.4	6.0	.7	274.2	74.0	.7	803.8	217.0
.8	24.7	6.7	.8	282.1	76.2	.8	817.3	220.7
.9	27.1	7.3	.9	290.1	78.3	.9	830.8	224.3
2.0	29.6	8.0	7.0	298.1	80.5	12.0	844.4	228.0
.1	32.3	8.7	.1	306.4	82.7	.1	858.2	231.7
.2	35.0	9.5	.2	314.7	85.0	.2	872.1	235.5
.3	37.9	10.2	.3	323.1	87.2	.3	886.1	239.2
.4	40.9	11.0	.4	331.6	89.5	.4	900.1	243.0
.5	44.0	11.9	.5	340.3	91.9	.5	914.4	246.9
.6	47.2	12.7	.6	349.0	94.2	.6	928.7	250.7
.7	50.5	13.6	.7	357.9	96.6	.7	943.1	254.6
.8	53.9	14.6	.8	366.9	99.1	.8	957.6	258.6
.9	57.5	15.5	.9	376.0	101.5	.9	972.3	262.5
3.0	61.1	16.5	8.0	385.2	104.0	13.0	987.0	266.5
.1	64.9	17.5	.1	394.5	106.5	.1	1001.9	270.5
.2	68.7	18.6	.2	403.9	109.1	.2	1016.9	274.6
.3	72.7	19.6	.3	413.5	111.6	.3	1032.0	278.6
.4	76.8	20.7	.4	423.1	114.2	.4	1047.2	282.7
.5	81.0	21.9	.5	432.9	116.9	.5	1062.5	286.9
.6	85.3	23.0	.6	442.7	119.5	.6	1077.9	291.0
.7	89.8	24.2	.7	452.7	122.2	.7	1093.5	295.2
.8	94.3	25.5	.8	462.8	125.0	.8	1109.1	299.5
.9	98.9	26.7	.9	473.0	127.7	.9	1124.9	303.7
4.0	103.7	28.0	9.0	483.3	130.5	14.0	1140.7	308.0
.1	108.6	29.3	.1	493.8	133.3	.1	1156.7	312.3
.2	113.6	30.7	.2	504.3	136.2	.2	1172.8	316.7
.3	118.6	32.0	.3	514.9	139.0	.3	1189.0	321.0
.4	123.9	33.4	.4	525.7	141.9	.4	1205.3	325.4
.5	129.2	34.9	.5	536.6	144.9	.5	1221.8	329.9
.6	134.6	36.3	.6	547.6	147.8	.6	1238.3	334.3
.7	140.1	37.8	.7	558.6	150.8	.7	1254.9	338.8
.8	145.8	39.4	.8	569.9	153.9	.8	1271.7	343.4
.9	151.5	40.9	.9	581.2	156.9	.9	1288.6	347.9
	157.4	42.5	10.0	592.6	160.0	15.0	1305.6	352.5

TABLE II Side Slopes 1½ : 1

Crown 1 Foot

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1322.6	357.1	20.1	2318.9	626.1	25.1	3593.0	970.1
.2	1339.9	361.8	.2	2341.7	632.3	.2	3621.3	977.8
.3	1357.2	366.4	.3	2364.6	638.4	.3	3649.8	985.4
.4	1374.6	371.1	.4	2387.6	644.6	.4	3678.3	993.1
.5	1392.1	375.9	.5	2410.6	650.9	.5	3706.9	1000.9
.6	1409.8	380.6	.6	2433.9	657.1	.6	3735.7	1008.6
.7	1427.5	385.4	.7	2457.2	663.4	.7	3764.6	1016.4
.8	1445.4	390.3	.8	2480.6	669.8	.8	3793.6	1024.3
.9	1463.4	395.1	.9	2504.1	676.1	.9	3822.6	1032.1
16.0	1481.5	400.0	21.0	2527.8	682.5	26.0	3851.9	1040.0
.1	1499.7	404.9	.1	2551.5	688.9	.1	3881.2	1047.9
.2	1518.0	409.9	.2	2575.4	695.4	.2	3910.6	1055.9
.3	1536.4	414.8	.3	2599.4	701.8	.3	3940.1	1063.8
.4	1555.0	419.8	.4	2623.5	708.3	.4	3969.8	1071.8
.5	1573.6	424.9	.5	2647.7	714.9	.5	3999.5	1079.9
.6	1592.4	429.9	.6	2672.0	721.4	.6	4029.4	1087.9
.7	1611.2	435.0	.7	2696.4	728.0	.7	4059.4	1096.0
.8	1630.2	440.2	.8	2721.0	734.7	.8	4089.5	1104.2
.9	1649.3	445.3	.9	2745.6	741.3	.9	4119.7	1112.3
17.0	1668.5	450.5	22.0	2770.4	748.0	27.0	4150.0	1120.5
.1	1687.8	455.7	.1	2795.2	754.7	.1	4180.4	1128.7
.2	1707.3	461.0	.2	2820.2	761.5	.2	4211.0	1137.0
.3	1726.8	466.2	.3	2845.3	768.2	.3	4241.6	1145.2
.4	1746.4	471.5	.4	2870.5	775.0	.4	4272.4	1153.5
.5	1766.2	476.9	.5	2895.8	781.9	.5	4303.2	1161.9
.6	1786.1	482.2	.6	2921.3	788.7	.6	4334.2	1170.2
.7	1806.1	487.6	.7	2946.8	795.6	.7	4365.3	1178.6
.8	1826.1	493.1	.8	2972.4	802.6	.8	4396.5	1187.1
.9	1846.4	498.5	.9	2998.2	809.5	.9	4427.8	1195.5
18.0	1866.7	504.0	23.0	3024.1	816.5	28.0	4459.3	1204.0
.1	1887.1	509.5	.1	3050.1	823.5	.1	4490.8	1212.5
.2	1907.6	515.1	.2	3076.1	830.6	.2	4522.4	1221.1
.3	1928.3	520.6	.3	3102.4	837.6	.3	4554.2	1229.6
.4	1949.0	526.2	.4	3128.7	844.7	.4	4586.1	1238.2
.5	1969.9	531.9	.5	3155.1	851.9	.5	4618.1	1246.9
.6	1990.9	537.5	.6	3181.6	859.0	.6	4650.1	1255.5
.7	2012.0	543.2	.7	3208.3	866.2	.7	4682.4	1264.2
.8	2033.2	549.0	.8	3235.0	873.5	.8	4714.7	1273.0
.9	2054.5	554.7	.9	3261.9	880.7	.9	4747.1	1281.7
19.0	2075.9	560.5	24.0	3288.9	888.0	29.0	4779.6	1290.5
.1	2097.5	566.3	.1	3316.0	895.3	.1	4812.3	1299.3
.2	2119.1	572.2	.2	3343.2	902.7	.2	4845.0	1308.2
.3	2140.9	578.0	.3	3370.5	910.0	.3	4877.9	1317.0
.4	2162.7	583.9	.4	3397.9	917.4	.4	4910.9	1325.9
.5	2184.7	589.9	.5	3425.5	924.9	.5	4944.0	1334.9
.6	2206.8	595.8	.6	3453.1	932.3	.6	4977.2	1343.8
.7	2229.0	601.8	.7	3480.9	939.8	.7	5010.5	1352.8
.8	2251.3	607.9	.8	3508.7	947.4	.8	5043.9	1361.9
.9	2273.8	613.9	.9	3536.7	954.9	.9	5077.5	1370.9
20.0	2296.3	620.0	25.0	3564.8	962.5	30.0	5111.1	1380.0

TABLE II Side Slopes 1½ : 1
Crown 2 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	0.80	0.215	5.1	182.3	49.2	10.1	641.5	173.2
.2	1.70	0.460	.2	188.7	51.0	.2	653.6	176.5
.3	2.72	0.735	.3	195.3	52.7	.3	665.7	179.7
.4	3.85	1.04	.4	202.0	54.5	.4	677.9	183.0
.5	5.09	1.38	.5	208.8	56.4	.5	690.3	186.4
.6	6.4	1.74	.6	215.7	58.2	.6	702.7	189.7
.7	7.9	2.14	.7	222.7	60.1	.7	715.3	193.1
.8	9.5	2.56	.8	229.9	62.1	.8	728.0	196.6
.9	11.2	3.02	.9	237.1	64.0	.9	740.8	200.0
1.0	13.0	3.50	6.0	244.4	66.0	11.0	753.7	203.5
.1	14.9	4.02	.1	251.9	68.0	.1	766.7	207.0
.2	16.9	4.56	.2	259.5	70.1	.2	779.9	210.6
.3	19.0	5.14	.3	267.2	72.1	.3	793.1	214.1
.4	21.3	5.7	.4	275.0	74.2	.4	806.4	217.7
.5	23.6	6.4	.5	282.9	76.4	.5	819.9	221.4
.6	26.1	7.0	.6	290.9	78.5	.6	833.5	225.0
.7	28.6	7.7	.7	299.0	80.7	.7	847.2	228.7
.8	31.3	8.5	.8	307.3	83.0	.8	861.0	232.5
.9	34.1	9.2	.9	315.6	85.2	.9	874.9	236.2
2.0	37.0	10.0	7.0	324.1	87.5	12.0	888.9	240.0
.1	40.1	10.8	.1	332.6	89.8	.1	903.0	243.8
.2	43.2	11.7	.2	341.3	92.2	.2	917.3	247.7
.3	46.4	12.5	.3	350.1	94.5	.3	931.6	251.5
.4	49.8	13.4	.4	359.0	96.9	.4	946.1	255.4
.5	53.2	14.4	.5	368.1	99.4	.5	960.6	259.4
.6	56.8	15.3	.6	377.2	101.8	.6	975.3	263.3
.7	60.5	16.3	.7	386.4	104.3	.7	990.1	267.3
.8	64.3	17.4	.8	395.8	106.9	.8	1005.0	271.4
.9	68.2	18.4	.9	405.2	109.4	.9	1020.1	275.4
3.0	72.2	19.5	8.0	414.8	112.0	13.0	1035.2	279.5
.1	76.4	20.6	.1	424.5	114.6	.1	1050.4	283.6
.2	80.6	21.8	.2	434.3	117.3	.2	1065.8	287.8
.3	84.9	22.9	.3	444.2	119.9	.3	1081.2	291.9
.4	89.4	24.1	.4	454.2	122.6	.4	1096.8	296.1
.5	94.0	25.4	.5	464.4	125.4	.5	1112.5	300.4
.6	98.7	26.6	.6	474.6	128.1	.6	1128.3	304.6
.7	103.5	27.9	.7	484.9	130.9	.7	1144.2	308.9
.8	108.4	29.3	.8	495.4	133.8	.8	1160.2	313.3
.9	113.4	30.6	.9	506.0	136.6	.9	1176.4	317.6
4.0	118.5	32.0	9.0	516.7	139.5	14.0	1192.6	322.0
.1	123.8	33.4	.1	527.5	142.4	.1	1208.9	326.4
.2	129.1	34.9	.2	538.4	145.4	.2	1225.4	330.9
.3	134.6	36.3	.3	549.4	148.3	.3	1242.0	335.3
.4	140.1	37.8	.4	560.5	151.3	.4	1258.7	339.8
.5	145.8	39.4	.5	571.8	154.4	.5	1275.5	344.4
.6	151.6	40.9	.6	583.1	157.4	.6	1292.4	348.9
.7	157.5	42.5	.7	594.6	160.5	.7	1309.4	353.5
.8	163.6	44.2	.8	606.1	163.7	.8	1326.5	358.2
.9	169.7	45.8	.9	617.8	166.8	.9	1343.8	362.8
	175.9	47.5	10.0	629.6	170.0	15.0	1361.1	367.5

TABLE II Side Slopes 1½ : 1
Crown 2 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1378.6	372.2	20.1	2393.4	646.2	25.1	3686.0	995.2
.2	1396.1	377.0	.2	2416.5	652.5	.2	3714.7	1003.0
.3	1413.8	381.7	.3	2439.8	658.7	.3	3743.5	1010.7
.4	1431.6	386.5	.4	2463.1	665.0	.4	3772.4	1018.5
.5	1449.5	391.4	.5	2486.6	671.4	.5	3801.4	1026.4
.6	1467.6	396.2	.6	2510.1	677.7	.6	3830.5	1034.2
.7	1485.7	401.1	.7	2533.8	684.1	.7	3859.8	1042.1
.8	1503.9	406.1	.8	2557.6	690.6	.8	3889.1	1050.1
.9	1522.3	411.0	.9	2581.5	697.0	.9	3918.6	1058.0
16.0	1540.7	416.0	21.0	2605.6	703.5	26.0	3948.1	1066.0
.1	1559.3	421.0	.1	2629.7	710.0	.1	3977.8	1074.0
.2	1578.0	426.1	.2	2653.9	716.6	.2	4007.6	1082.1
.3	1596.8	431.1	.3	2678.3	723.1	.3	4037.5	1090.1
.4	1615.7	436.2	.4	2702.7	729.7	.4	4067.6	1098.2
.5	1634.7	441.4	.5	2727.3	736.4	.5	4097.7	1106.4
.6	1653.9	446.5	.6	2752.0	743.0	.6	4127.9	1114.5
.7	1673.1	451.7	.7	2776.8	749.7	.7	4158.3	1122.7
.8	1692.4	457.0	.8	2801.7	756.5	.8	4188.7	1131.0
.9	1711.9	462.2	.9	2826.7	763.2	.9	4219.3	1139.2
17.0	1731.5	467.5	22.0	2851.9	770.0	27.0	4250.0	1147.5
.1	1751.2	472.8	.1	2877.1	776.8	.1	4280.8	1155.8
.2	1771.0	478.2	.2	2902.4	783.7	.2	4311.7	1164.2
.3	1790.9	483.5	.3	2927.9	790.5	.3	4342.7	1172.5
.4	1810.9	488.9	.4	2953.5	797.4	.4	4373.9	1180.9
.5	1831.0	494.4	.5	2979.2	804.4	.5	4405.1	1189.4
.6	1851.3	499.8	.6	3005.0	811.3	.6	4436.4	1197.8
.7	1871.6	505.3	.7	3030.9	818.3	.7	4467.9	1206.3
.8	1892.1	510.9	.8	3056.9	825.4	.8	4499.5	1214.9
.9	1912.6	516.4	.9	3083.0	832.4	.9	4531.2	1223.4
18.0	1933.3	522.0	23.0	3109.3	839.5	28.0	4563.0	1232.0
.1	1954.1	527.6	.1	3135.6	846.6	.1	4594.9	1240.6
.2	1975.0	533.3	.2	3162.1	853.8	.2	4626.9	1249.3
.3	1996.1	538.9	.3	3188.6	860.9	.3	4659.0	1257.9
.4	2017.2	544.6	.4	3215.3	868.1	.4	4691.3	1266.6
.5	2038.4	550.4	.5	3242.1	875.4	.5	4723.6	1275.4
.6	2059.8	556.1	.6	3269.0	882.6	.6	4756.1	1284.1
.7	2081.2	561.9	.7	3296.1	889.9	.7	4788.6	1292.9
.8	2102.8	567.8	.8	3323.2	897.3	.8	4821.3	1301.8
.9	2124.5	573.6	.9	3350.4	904.6	.9	4854.1	1310.6
19.0	2146.3	579.5	24.0	3377.8	912.0	29.0	4887.0	1319.5
.1	2168.2	585.4	.1	3405.2	919.4	.1	4920.1	1328.4
.2	2190.2	591.4	.2	3432.8	926.9	.2	4953.2	1337.4
.3	2212.4	597.3	.3	3460.5	934.3	.3	4986.4	1346.3
.4	2234.6	603.3	.4	3488.3	941.8	.4	5019.8	1355.3
.5	2256.9	609.4	.5	3516.2	949.4	.5	5053.2	1364.4
.6	2279.4	615.4	.6	3544.2	956.9	.6	5086.8	1373.4
.7	2302.0	621.5	.7	3572.4	964.5	.7	5120.5	1382.5
.8	2324.7	627.7	.8	3600.6	972.2	.8	5154.3	1391.7
.9	2347.5	633.8	.9	3628.9	979.8	.9	5188.2	1400.8
20.0	2370.4	640.0	25.0	3657.4	987.5	30.0	5222.2	1410.0

TABLE II Side Slopes 1½ : 1
Crown 3 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.17	0.315	5.1	201.2	54.3	10.1	678.9	183.3
.2	2.44	0.660	.2	208.0	56.2	.2	691.3	186.7
.3	3.83	1.04	.3	214.9	58.0	.3	703.8	190.0
.4	5.33	1.44	.4	222.0	59.9	.4	716.4	193.4
.5	6.9	1.88	.5	229.2	61.9	.5	729.2	196.9
.6	8.7	2.34	.6	236.4	63.8	.6	742.0	200.3
.7	10.5	2.84	.7	243.8	65.8	.7	754.9	203.8
.8	12.4	3.36	.8	251.3	67.9	.8	768.0	207.4
.9	14.5	3.92	.9	258.9	69.9	.9	781.2	210.9
1.0	16.7	4.50	6.0	266.7	72.0	11.0	794.4	214.5
.1	18.9	5.12	.1	274.5	74.1	.1	807.8	218.1
.2	21.3	5.8	.2	282.4	76.3	.2	821.3	221.8
.3	23.8	6.4	.3	290.5	78.4	.3	834.9	225.4
.4	26.4	7.1	.4	298.7	80.6	.4	848.7	229.1
.5	29.2	7.9	.5	306.9	82.9	.5	862.5	232.9
.6	32.0	8.6	.6	315.3	85.1	.6	876.4	236.6
.7	34.9	9.4	.7	323.8	87.4	.7	890.5	240.4
.8	38.0	10.3	.8	332.4	89.8	.8	904.7	244.3
.9	41.2	11.1	.9	341.2	92.1	.9	918.9	248.1
2.0	44.4	12.0	7.0	350.0	94.5	12.0	933.3	252.0
.1	47.8	12.9	.1	358.9	96.9	.1	947.8	255.9
.2	51.3	13.9	.2	368.0	99.4	.2	962.4	259.9
.3	54.9	14.8	.3	377.2	101.8	.3	977.2	263.8
.4	58.7	15.8	.4	386.4	104.3	.4	992.0	267.8
.5	62.5	16.9	.5	395.8	106.9	.5	1006.9	271.9
.6	66.4	17.9	.6	405.3	109.4	.6	1022.0	275.9
.7	70.5	19.0	.7	414.9	112.0	.7	1037.2	280.0
.8	74.7	20.2	.8	424.7	114.7	.8	1052.4	284.2
.9	78.9	21.3	.9	434.5	117.3	.9	1067.8	288.3
3.0	83.3	22.5	8.0	444.4	120.0	13.0	1083.3	292.5
.1	87.8	23.7	.1	454.5	122.7	.1	1098.9	296.7
.2	92.4	25.0	.2	464.7	125.5	.2	1114.7	301.0
.3	97.2	26.2	.3	474.9	128.2	.3	1130.5	305.2
.4	102.0	27.5	.4	485.3	131.0	.4	1146.4	309.5
.5	106.9	28.9	.5	495.8	133.9	.5	1162.5	313.9
.6	112.0	30.2	.6	506.4	136.7	.6	1178.7	318.2
.7	117.2	31.6	.7	517.2	139.6	.7	1194.9	322.6
.8	122.4	33.1	.8	528.0	142.6	.8	1211.3	327.1
.9	127.8	34.5	.9	538.9	145.5	.9	1227.8	331.5
4.0	133.3	36.0	9.0	550.0	148.5	14.0	1244.4	336.0
.1	138.9	37.5	.1	561.2	151.5	.1	1261.2	340.5
.2	144.7	39.1	.2	572.4	154.6	.2	1278.0	345.1
.3	150.5	40.6	.3	583.8	157.6	.3	1294.9	349.6
.4	156.4	42.2	.4	595.3	160.7	.4	1312.0	354.2
.5	162.5	43.9	.5	606.9	163.9	.5	1329.2	358.9
.6	168.7	45.5	.6	618.7	167.0	.6	1346.4	363.5
.7	174.9	47.2	.7	630.5	170.2	.7	1363.8	368.2
.8	181.3	49.0	.8	642.4	173.5	.8	1381.3	373.0
.9	187.8	50.7	.9	654.5	176.7	.9	1398.9	377.7
5.0	194.4	52.5	10.0	666.7	180.0	15.0	1416.7	382.5

TABLE II Side Slopes 1½ : 1
Crown 3 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1434.5	387.3	20.1	2467.8	666.3	25.1	3778.9	1020.3
.2	1452.4	392.2	.2	2491.3	672.7	.2	3808.0	1028.2
.3	1470.5	397.0	.3	2514.9	679.0	.3	3837.2	1036.0
.4	1488.7	401.9	.4	2538.7	685.4	.4	3866.4	1043.9
.5	1506.9	406.9	.5	2562.5	691.9	.5	3895.8	1051.9
.6	1525.3	411.8	.6	2586.4	698.3	.6	3925.3	1059.8
.7	1543.8	416.8	.7	2610.5	704.8	.7	3954.9	1067.8
.8	1562.4	421.9	.8	2634.7	711.4	.8	3984.7	1075.9
.9	1581.2	426.9	.9	2658.9	717.9	.9	4014.5	1083.9
16.0	1600.0	432.0	21.0	2683.3	724.5	26.0	4044.4	1092.0
.1	1618.9	437.1	.1	2707.8	731.1	.1	4074.5	1100.1
.2	1638.0	442.3	.2	2732.4	737.8	.2	4104.7	1108.3
.3	1657.2	447.4	.3	2757.2	744.4	.3	4134.9	1116.4
.4	1676.4	452.6	.4	2782.0	751.1	.4	4165.3	1124.6
.5	1695.8	457.9	.5	2806.9	757.9	.5	4195.8	1132.9
.6	1715.3	463.1	.6	2832.0	764.6	.6	4226.4	1141.1
.7	1734.9	468.4	.7	2857.2	771.4	.7	4257.2	1149.4
.8	1754.7	473.8	.8	2882.4	778.3	.8	4288.0	1157.8
.9	1774.5	479.1	.9	2907.8	785.1	.9	4318.9	1166.1
17.0	1794.4	484.5	22.0	2933.3	792.0	27.0	4350.0	1174.5
.1	1814.5	489.9	.1	2958.9	798.9	.1	4381.2	1182.9
.2	1834.7	495.4	.2	2984.7	805.9	.2	4412.4	1191.4
.3	1854.9	500.8	.3	3010.5	812.8	.3	4443.8	1199.8
.4	1875.3	506.3	.4	3036.4	819.8	.4	4475.3	1208.3
.5	1895.8	511.9	.5	3062.5	826.9	.5	4506.9	1216.9
.6	1916.4	517.4	.6	3088.7	833.9	.6	4538.7	1225.4
.7	1937.2	523.0	.7	3114.9	841.0	.7	4570.5	1234 0
.8	1958.0	528.7	.8	3141.3	848.2	.8	4602.4	1242.7
.9	1978.9	534.3	.9	3167.8	855.3	.9	4634.5	1251.3
18.0	2000.0	540.0	23.0	3194.4	862.5	28.0	4666.7	1260.0
.1	2021.2	545.7	.1	3221.2	869.7	.1	4698.9	1268.7
.2	2042.4	551.5	.2	3248.0	877.0	.2	4731.3	1277.5
.3	2063.8	557.2	.3	3274.9	884.2	.3	4763.8	1286.2
.4	2085.3	563.0	.4	3302.0	891.5	.4	4796.4	1295.0
.5	2106.9	568.9	.5	3329.2	898.9	.5	4829.2	1303.9
.6	2128.7	574.7	.6	3356.4	906.2	.6	4862.0	1312.7
.7	2150.5	580.6	.7	3383.8	913.6	.7	4894.9	1321.6
.8	2172.4	586.6	.8	3411.3	921.1	.8	4928.0	1330.6
.9	2194.5	592.5	.9	3438.9	928.5	.9	4961.2	1339.5
19.0	2216.7	598.5	24.0	3466.7	936.0	29.0	4994.4	1348.5
.1	2238.9	604.5	.1	3494.5	943.5	.1	5027.8	1357.5
.2	2261.3	610.6	.2	3522.4	951.1	.2	5061.3	1366.6
.3	2283.8	616.6	.3	3550.5	958.6	.3	5094.9	1375.6
.4	2306.4	622.7	.4	3578.7	966.2	.4	5128.7	1384.7
.5	2329.2	628.9	.5	3606.9	973.9	.5	5162.5	1393.9
.6	2352.0	635.0	.6	3635.3	981.5	.6	5196.4	1403.0
.7	2374.9	641.2	.7	3663.8	989.2	.7	5230.5	1412.2
.8	2398.0	647.5	.8	3692.4	997.0	.8	5264.7	1421.5
.9	2421.2	653.7	.9	3721.2	1004.7	.9	5298.9	1430.7
20.0	2444.4	660.0	25.0	3750.0	1012.5	30.0	5333.3	1440.0

TABLE II Side Slopes 1½ : 1
Crown 4 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.54	0.415	5.1	220.1	59.4	10.1	716.4	193.4
.2	3.19	0.860	.2	227.3	61.4	.2	729.1	196.9
.3	4.94	1.34	.3	234.6	63.3	.3	742.0	200.3
.4	6.81	1.84	.4	242.0	65.3	.4	755.0	203.8
.5	8.8	2.38	.5	249.5	67.4	.5	768.1	207.4
.6	10.9	2.94	.6	257.2	69.4	.6	781.3	210.9
.7	13.1	3.54	.7	264.9	71.5	.7	794.6	214.5
.8	15.4	4.16	.8	272.8	73.7	.8	808.0	218.2
.9	17.8	4.82	.9	280.8	75.8	.9	821.5	221.8
1.0	20.4	5.50	6.0	288.9	78.0	11.0	835.2	225.5
.1	23.0	6.2	.1	297.1	80.2	.1	848.9	229.2
.2	25.8	7.0	.2	305.4	82.5	.2	862.8	233.0
.3	28.6	7.7	.3	313.8	84.7	.3	876.8	236.7
.4	31.6	8.5	.4	322.4	87.0	.4	890.9	240.5
.5	34.7	9.4	.5	331.0	89.4	.5	905.1	244.4
.6	37.9	10.2	.6	339.8	91.7	.6	919.4	248.2
.7	41.2	11.1	.7	348.6	94.1	.7	933.8	252.1
.8	44.7	12.1	.8	357.6	96.6	.8	948.4	256.1
.9	48.2	13.0	.9	366.7	99.0	.9	963.0	260.0
2.0	51.9	14.0	7.0	375.9	101.5	12.0	977.8	264.0
.1	55.6	15.0	.1	385.2	104.0	.1	992.6	268.0
.2	59.5	16.1	.2	394.7	106.6	.2	1007.6	272.1
.3	63.5	17.1	.3	404.2	109.1	.3	1022.7	276.1
.4	67.6	18.2	.4	413.9	111.7	.4	1037.9	280.2
.5	71.8	19.4	.5	423.6	114.4	.5	1053.2	284.4
.6	76.1	20.5	.6	433.5	117.0	.6	1068.7	288.5
.7	80.5	21.7	.7	443.5	119.7	.7	1084.2	292.7
.8	85.0	23.0	.8	453.6	122.5	.8	1099.9	297.0
.9	89.7	24.2	.9	463.8	125.2	.9	1115.6	301.2
3.0	94.4	25.5	8.0	474.1	128.0	13.0	1131.5	305.5
.1	99.3	26.8	.1	484.5	130.8	.1	1147.5	309.8
.2	104.3	28.2	.2	495.0	133.7	.2	1163.6	314.2
.3	109.4	29.5	.3	505.7	136.5	.3	1179.8	318.5
.4	114.6	30.9	.4	516.4	139.4	.4	1196.1	322.9
.5	119.9	32.4	.5	527.3	142.4	.5	1212.5	327.4
.6	125.3	33.8	.6	538.3	145.3	.6	1229.0	331.8
.7	130.9	35.3	.7	549.4	148.3	.7	1245.7	336.3
.8	136.5	36.9	.8	560.6	151.4	.8	1262.4	340.9
.9	142.3	38.4	.9	571.9	154.4	.9	1279.3	345.4
4.0	148.1	40.0	9.0	583.3	157.5	14.0	1296.3	350.0
.1	154.1	41.6	.1	594.9	160.6	.1	1313.4	354.6
.2	160.2	43.3	.2	606.5	163.8	.2	1330.6	359.3
.3	166.4	44.9	.3	618.3	166.9	.3	1347.9	363.9
.4	172.7	46.6	.4	630.1	170.1	.4	1365.3	368.6
.5	179.2	48.4	.5	642.1	173.4	.5	1382.9	373.4
.6	185.7	50.1	.6	654.2	176.6	.6	1400.5	378.1
.7	192.4	51.9	.7	666.4	179.9	.7	1418.3	382.9
.8	199.1	53.8	.8	678.7	183.3	.8	1436.1	387.8
.9	206.0	55.6	.9	691.2	186.6	.9	1454.1	392.6
5.0	213 0	57.5	10.0	703.7	190.0	15.0	1472.2	397.5

TABLE II Side Slopes 1½ : 1

Crown 4 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1490.4	402.4	20.1	2542.3	686.4	25.1	3871.9	1045.4
.2	1508.7	407.4	.2	2566.1	692.9	.2	3901.3	1053.4
.3	1527.2	412.3	.3	2590.1	699.3	.3	3930.9	1061.3
.4	1545.7	417.3	.4	2614.2	705.8	.4	3960.5	1069.3
.5	1564.4	422.4	.5	2638.4	712.4	.5	3990.3	1077.4
.6	1583.1	427.4	.6	2662.7	718.9	.6	4020.1	1085.4
.7	1602.0	432.5	.7	2687.2	725.5	.7	4050.1	1093.5
.8	1621.0	437.7	.8	2711.7	732.2	.8	4080.2	1101.7
.9	1640.1	442.8	.9	2736.4	738.8	.9	4110.4	1109.8
16.0	1659.3	448.0	21.0	2761.1	745.5	26.0	4140.7	1118.0
.1	1678.6	453.2	.1	2786.0	752.2	.1	4171.2	1126.2
.2	1698.0	458.5	.2	2811.0	759.0	.2	4201.7	1134.5
.3	1717.5	463.7	.3	2836.1	765.7	.3	4232.4	1142.7
.4	1737.2	469.0	.4	2861.3	772.5	.4	4263.1	1151.0
.5	1756.9	474.4	.5	2886.6	779.4	.5	4294.0	1159.4
.6	1776.8	479.7	.6	2912.0	786.2	.6	4325.0	1167.7
.7	1796.8	485.1	.7	2937.5	793.1	.7	4356.1	1176.1
.8	1816.9	490.6	.8	2963.2	800.1	.8	4387.3	1184.6
.9	1837.1	496.0	.9	2988.9	807.0	.9	4418.6	1193.0
17.0	1857.4	501.5	22.0	3014.8	814.0	27.0	4450.0	1201.5
.1	1877.8	507.0	.1	3040.8	821.0	.1	4481.5	1210.0
.2	1898.4	512.6	.2	3066.9	828.1	.2	4513.2	1218.6
.3	1919.0	518.1	.3	3093.1	835.1	.3	4544.9	1227.1
.4	1939.8	523.7	.4	3119.4	842.2	.4	4576.8	1235.7
.5	1960.6	529.4	.5	3145.8	849.4	.5	4608.8	1244.4
.6	1981.6	535.0	.6	3172.4	856.5	.6	4640.9	1253.0
.7	2002.7	540.7	.7	3199.0	863.7	.7	4673.1	1261.7
.8	2023.9	546.5	.8	3225.8	871.0	.8	4705.4	1270.5
.9	2045.2	552.2	.9	3252.6	878.2	.9	4737.8	1279.2
18.0	2066.7	558.0	23.0	3279.6	885.5	28.0	4770.4	1288.0
.1	2088.2	563.8	.1	3306.7	892.8	.1	4803.0	1296.8
.2	2109.9	569.7	.2	3333.9	900.2	.2	4835.8	1305.7
.3	2131.6	575.5	.3	3361.2	907.5	.3	4868.6	1314.5
.4	2153.5	581.4	.4	3388.7	914.9	.4	4901.6	1323.4
.5	2175.5	587.4	.5	3416.2	922.4	.5	4934.7	1332.4
.6	2197.6	593.3	.6	3443.9	929.8	.6	4967.9	1341.3
.7	2219.8	599.3	.7	3471.6	937.3	.7	5001.2	1350.3
.8	2242.1	605.4	.8	3499.5	944.9	.8	5034.7	1359.4
.9	2264.5	611.4	.9	3527.5	952.4	.9	5068.2	1368.4
19.0	2287.0	617.5	24.0	3555.6	960.0	29.0	5101.9	1377.5
.1	2309.7	623.6	.1	3583.8	967.6	.1	5135.6	1386.6
.2	2332.4	629 8	.2	3612.1	975.3	.2	5169.5	1395.8
.3	2355.3	635.9	.3	3640.5	982.9	.3	5203.5	1404.9
.4	2378.3	642.1	.4	3669.0	990.6	.4	5237.6	1414.1
.5	2401.4	648.4	.5	3697.7	998.4	.5	5271.8	1423.4
.6	2424.6	654.6	.6	3726.4	1006.1	.6	5306.1	1432.6
.7	2447.9	660.9	.7	3755.3	1013.9	.7	5340.5	1441.9
.8	2471.3	667.3	.8	3784.3	1021.8	.8	5375.0	1451.3
.9	2494.9	673.6	.9	3813.4	1029.6	.9	5409.7	1460.6
20.0	2518.5	680.0	25.0	3842.6	1037.5	30.0	5444.4	1470.0

TABLE II Side Slopes 1½ : 1

Crown 5 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.91	0.52	5.1	238.9	64.5	10.1	753.8	203.5
.2	3.93	1.06	.2	246.5	66.6	.2	766.9	207.1
.3	6.06	1.64	.3	254.2	68.6	.3	780.1	210.6
.4	8.3	2.24	.4	262.0	70.7	.4	793.5	214.2
.5	10.6	2.88	.5	269.9	72.9	.5	806.9	217.9
.6	13.1	3.54	.6	277.9	75.0	.6	820.5	221.5
.7	15.7	4.24	.7	286.1	77.2	.7	834.2	225.2
.8	18.4	4.96	.8	294.3	79.5	.8	848.0	229.0
.9	21.2	5.72	.9	302.6	81.7	.9	861.9	232.7
1.0	24.1	6.5	6.0	311.1	84.0	11.0	875.9	236.5
.1	27.1	7.3	.1	319.7	86.3	.1	890.1	240.3
.2	30.2	8.2	.2	328.4	88.7	.2	904.3	244.2
.3	33.5	9.0	.3	337.2	91.0	.3	918.6	248.0
.4	36.8	9.9	.4	346.1	93.4	.4	933.1	251.9
.5	40.3	10.9	.5	355.1	95.9	.5	947.7	255.9
.6	43.9	11.8	.6	364.2	98.3	.6	962.4	259.8
.7	47.5	12.8	.7	373.5	100.8	.7	977.2	263.8
.8	51.3	13.9	.8	382.8	103.4	.8	992.1	267.9
.9	55.2	14.9	.9	392.3	105.9	.9	1007.1	271.9
2.0	59.3	16.0	7.0	401.9	108.5	12.0	1022.2	276.0
.1	63.4	17.1	.1	411.5	111.1	.1	1037.5	280.1
.2	67.6	18.3	.2	421.3	113.8	.2	1052.8	284.3
.3	72.0	19.4	.3	431.2	116.4	.3	1068.3	288.4
.4	76.4	20.6	.4	441.3	119.1	.4	1083.9	292.6
.5	81.0	21.9	.5	451.4	121.9	.5	1099.5	296.9
.6	85.7	23.1	.6	461.6	124.6	.6	1115.3	301.1
.7	90.5	24.4	.7	472.0	127.4	.7	1131.2	305.4
.8	95.4	25.8	.8	482.4	130.3	.8	1147.3	309.8
.9	100.4	27.1	.9	493.0	133.1	.9	1163.4	314.1
3.0	105.6	28.5	8.0	503.7	136.0	13.0	1179.6	318.5
.1	110.8	29.9	.1	514.5	138.9	.1	1196.0	322.9
.2	116.1	31.4	.2	525.4	141.9	.2	1212.4	327.4
.3	121.6	32.8	.3	536.4	144.8	.3	1229.0	331.8
.4	127.2	34.3	.4	547.6	147.8	.4	1245.7	336.3
.5	132.9	35.9	.5	558.8	150.9	.5	1262.5	340.9
.6	138.7	37.4	.6	570.1	153.9	.6	1279.4	345.4
.7	144.6	39.0	.7	581.6	157.0	.7	1296.4	350.0
.8	150.6	40.7	.8	593.2	160.2	.8	1313.6	354.7
.9	156.7	42.3	.9	604.9	163.3	.9	1330.8	359.3
4.0	163.0	44.0	9.0	616.7	166.5	14.0	1348.1	364.0
.1	169.3	45.7	.1	628.6	169.7	.1	1365.6	368.7
.2	175.8	47.5	.2	640.6	173.0	.2	1383.2	373.5
.3	182.4	49.2	.3	652.7	176.2	.3	1400.9	378.2
.4	189.0	51.0	.4	665.0	179.5	.4	1418.7	383.0
.5	195.8	52.9	.5	677.3	182.9	.5	1436.6	387.9
.6	202.7	54.7	.6	689.8	186.2	.6	1454.6	392.7
.7	209.8	56.6	.7	702.4	189.6	.7	1472.7	397.6
.8	216.9	58.6	.8	715.0	193.1	.8	1491.0	402.6
.9	224.1	60.5	.9	727.8	196.5	.9	1509.3	407.5
5.0	231.5	62.5	10.0	740.7	200.0	15.0	1527.8	412.5

TABLE II Side Slopes 1½ : 1

Crown 5 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1546.4	417.5	20.1	2616.7	706.5	25.1	3964.9	1070.5
.2	1565.0	422.6	.2	2641.0	713.1	.2	3994.7	1078.6
.3	1583.8	427.6	.3	2665.3	719.6	.3	4024.6	1086.6
.4	1602.7	432.7	.4	2689.8	726.2	.4	4054.6	1094.7
.5	1621.8	437.9	.5	2714.4	732.9	.5	4084.7	1102.9
.6	1640.9	443.0	.6	2739.0	739.5	.6	4115.0	1111.0
.7	1660.1	448.2	.7	2763.8	746.2	.7	4145.3	1119.2
.8	1679.5	453.5	.8	2788.7	753.0	.8	4175.8	1127.5
.9	1698.9	458.7	.9	2813.8	759.7	.9	4206.4	1135.7
16.0	1718.5	464.0	21.0	2838.9	766.5	26.0	4237.0	1144.0
.1	1738.2	469.3	.1	2864.1	773.3	.1	4267.8	1152.3
.2	1758.0	474.7	.2	2889.5	780.2	.2	4298.7	1160.7
.3	1777.9	480.0	.3	2914.9	787.0	.3	4329.8	1169.0
.4	1797.9	485.4	.4	2940.5	793.9	.4	4360.9	1177.4
.5	1818.1	490.9	.5	2966.2	800.9	.5	4392.1	1185.9
.6	1838.3	496.3	.6	2992.0	807.8	.6	4423.5	1194.3
.7	1858.6	501.8	.7	3017.9	814.8	.7	4454.9	1202.8
.8	1879.1	507.4	.8	3043.9	821.9	.8	4486.5	1211.4
.9	1899.7	512.9	.9	3070.1	828.9	.9	4518.2	1219.9
17.0	1920.4	518.5	22.0	3096.3	836.0	27.0	4550.0	1228.5
.1	1941.2	524.1	.1	3122.6	843.1	.1	4581.9	1237.1
.2	1962.1	529.8	.2	3149.1	850.3	.2	4613.9	1245.8
.3	1983.1	535.4	.3	3175.7	857.4	.3	4646.1	1254.4
.4	2004.2	541.1	.4	3202.4	864.6	.4	4678.3	1263.1
.5	2025.5	546.9	.5	3229.2	871.9	.5	4710.6	1271.9
.6	2046.8	552.6	.6	3256.1	879.1	.6	4743.1	1280.6
.7	2068.3	558.4	.7	3283.1	886.4	.7	4775.7	1289.4
.8	2089.9	564.3	.8	3310.2	893.8	.8	4808.4	1298.3
.9	2111.5	570.1	.9	3337.5	901.1	.9	4841.2	1307.1
18.0	2133.3	576.0	23.0	3364.8	908.5	28.0	4874.1	1316.0
.1	2155.2	581.9	.1	3392.3	915.9	.1	4907.1	1324.9
.2	2177.3	587.9	.2	3419.9	923.4	.2	4940.2	1333.9
.3	2199.4	593.8	.3	3447.5	930.8	.3	4973.5	1342.8
.4	2221.6	599.8	.4	3475.3	938.3	.4	5006.8	1351.8
.5	2244.0	605.9	.5	3503.2	945.9	.5	5040.3	1360.9
.6	2266.4	611.9	.6	3531.3	953.4	.6	5073.9	1369.9
.7	2289.0	618.0	.7	3559.4	961.0	.7	5107.5	1379.0
.8	2311.7	624.2	.8	3587.6	968.7	.8	5141.3	1388.2
.9	2334.5	630.3	.9	3616.0	976.3	.9	5175.2	1397.3
19.0	2357.4	636.5	24.0	3644.4	984.0	29.0	5209.3	1406.5
.1	2380.4	642.7	.1	3673.0	991.7	.1	5243.4	1415.7
.2	2403.6	649.0	.2	3701.7	999.5	.2	5277.6	1425.0
.3	2426.8	655.2	.3	3730.5	1007.2	.3	5312.0	1434.2
.4	2450.1	661.5	.4	3759.4	1015.0	.4	5346.4	1443.5
.5	2473.6	667.9	.5	3788.4	1022.9	.5	5381.0	1452.9
.6	2497.2	674.2	.6	3817.6	1030.7	.6	5415.7	1462.2
.7	2520.9	680.6	.7	3846.8	1038.6	.7	5450.5	1471.6
.8	2544.7	687.1	.8	3876.1	1046.6	.8	5485.4	1481.1
.9	2568.6	693.5	.9	3905.6	1054.5	.9	5520.4	1490.5
20.0	2592.6	700.0	25.0	3935.2	1062.5	30.0	5555.6	1500.0

TABLE II Side Slopes 1½ : 1
Crown 6 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	2.28	0.62	5.1	257.8	69.6	10.1	791.2	213.6
.2	4.67	1.26	.2	265.8	71.8	.2	804.7	217.3
.3	7.17	1.94	.3	273.8	73.9	.3	818.3	220.9
.4	9.8	2.64	.4	282.0	76.1	.4	832.0	224.6
.5	12.5	3.38	.5	290.3	78.4	.5	845.8	228.4
.6	15.3	4.14	.6	298.7	80.6	.6	859.8	232.1
.7	18.3	4.94	.7	307.2	82.9	.7	873.8	235.9
.8	21.3	5.76	.8	315.8	85.3	.8	888.0	239.8
.9	24.5	6.6	.9	324.5	87.6	.9	902.3	243.6
1.0	27.8	7.5	6.0	333.3	90.0	11.0	916.7	247.5
.1	31.2	8.4	.1	342.3	92.4	.1	931.2	251.4
.2	34.7	9.4	.2	351.3	94.9	.2	945.8	255.4
.3	38.3	10.3	.3	360.5	97.3	.3	960.5	259.3
.4	42.0	11.3	.4	369.8	99.8	.4	975.3	263.3
.5	45.8	12.4	.5	379.2	102.4	.5	990.3	267.4
.6	49.8	13.4	.6	388.7	104.9	.6	1005.3	271.4
.7	53.8	14.5	.7	398.3	107.5	.7	1020.5	275.5
.8	58.0	15.7	.8	408.0	110.2	.8	1035.8	279.7
.9	62.3	16.8	.9	417.8	112.8	.9	1051.2	283.8
2.0	66.7	18.0	7.0	427.8	115.5	12.0	1066.7	288.0
.1	71.2	19.2	.1	437.8	118.2	.1	1082.3	292.2
.2	75.8	20.5	.2	448.0	121.0	.2	1098.0	296.5
.3	80.5	21.7	.3	458.3	123.7	.3	1113.8	300.7
.4	85.3	23.0	.4	468.7	126.5	.4	1129.8	305.0
.5	90.3	24.4	.5	479.2	129.4	.5	1145.8	309.4
.6	95.3	25.7	.6	489.8	132.2	.6	1162.0	313.7
.7	100.5	27.1	.7	500.5	135.1	.7	1178.3	318.1
.8	105.8	28.6	.8	511.3	138.1	.8	1194.7	322.6
.9	111.2	30.0	.9	522.3	141.0	.9	1211.2	327.0
3.0	116.7	31.5	8.0	533.3	144.0	13.0	1227.8	331 5
.1	122.3	33.0	.1	544.5	147.0	.1	1244.5	336.0
.2	128.0	34.6	.2	555.8	150.1	.2	1261.3	340.6
.3	133.8	36.1	.3	567.2	153.1	.3	1278.3	345.1
.4	139.8	37.7	.4	578.7	156.2	.4	1295.3	349.7
.5	145.8	39.4	.5	590.3	159.4	.5	1312.5	354.4
.6	152.0	41.0	.6	602.0	162.5	.6	1329.8	359.0
.7	158.3	42.7	.7	613.8	165.7	.7	1347.2	363.7
.8	164.7	44.5	.8	625.8	169.0	.8	1364.7	368.5
.9	171.2	46.2	.9	637.8	172.2	.9	1382.3	373.2
4.0	177.8	48.0	9.0	650.0	175.5	14.0	1400.0	378.0
.1	184.5	49.8	.1	662.3	178.8	.1	1417.8	382.8
.2	191.3	51.7	.2	674.7	182.2	.2	1435.8	387.7
.3	198.3	53.5	.3	687.2	185.5	.3	1453.8	392.5
.4	205.3	55.4	.4	699.8	188.9	.4	1472.0	397.4
.5	212.5	57.4	.5	712.5	192.4	.5	1490.3	402.4
.6	219.8	59.3	.6	725.3	195.8	.6	1508.7	407.3
.7	227.2	61.3	.7	738.3	199.3	.7	1527.2	412.3
.8	234.7	63.4	.8	751.3	202.9	.8	1545.8	417.4
.9	242.3	65.4	.9	764.5	206.4	.9	1564.5	422.4
5.0	250.0	67.5	10.0	777.8	210.0	15.0	1583.3	427.5

TABLE II Side Slopes 1½ : 1
Crown 6 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1602.3	432.6	20.1	2691.2	726.6	25.1	4057.8	1095.6
.2	1621.3	437.8	.2	2715.8	733.3	.2	4088.0	1103.8
.3	1640.5	442.9	.3	2740.5	739.9	.3	4118.3	1111.9
.4	1659.8	448.1	.4	2765.3	746.6	.4	4148.7	1120.1
.5	1679.2	453.4	.5	2790.3	753.4	.5	4179.2	1128.4
.6	1698.7	458.6	.6	2815.3	760.1	.6	4209.8	1136.6
.7	1718.3	463.9	.7	2840.5	766.9	.7	4240.5	1144.9
.8	1738.0	469.3	.8	2865.8	773.8	.8	4271.3	1153.3
.9	1757.8	474.6	.9	2891.2	780.6	.9	4302.3	1161.6
16.0	1777.8	480.0	21.0	2916.7	787.5	26.0	4333.3	1170.0
.1	1797.8	485.4	.1	2942.3	794.4	.1	4364.5	1178.4
.2	1818.0	490.9	.2	2968.0	801.4	.2	4395.8	1186.9
.3	1838.3	496.3	.3	2993.8	808.3	.3	4427.2	1195.3
.4	1858.7	501.8	.4	3019.8	815.3	.4	4458.7	1203.8
.5	1879.2	507.4	.5	3045.8	822.4	.5	4490.3	1212.4
.6	1899.8	512.9	.6	3072.0	829.4	.6	4522.0	1220.9
.7	1920.5	518.5	.7	3098.3	836.5	.7	4553.8	1229.5
.8	1941.3	524.2	.8	3124.7	843.7	.8	4585.8	1238.2
.9	1962.3	529.8	.9	3151.2	850.8	.9	4617.8	1246.8
17.0	1983.3	535.5	22.0	3177.8	858.0	27.0	4650.0	1255.5
.1	2004.5	541.2	.1	3204.5	865.2	.1	4682.3	1264.2
.2	2025.8	547.0	.2	3231.3	872.5	.2	4714.7	1273.0
.3	2047.2	552.7	.3	3258.3	879.7	.3	4747.2	1281.7
.4	2068.7	558.5	.4	3285.3	887.0	.4	4779.8	1290.5
.5	2090.3	564.4	.5	3312.5	894.4	.5	4812.5	1299.4
.6	2112.0	570.2	.6	3339.8	901.7	.6	4845.3	1308.2
.7	2133.8	576.1	.7	3367.2	909.1	.7	4878.3	1317.1
.8	2155.8	582.1	.8	3394.7	916.6	.8	4911.3	1326.1
.9	2177.8	588.0	.9	3422.3	924.0	.9	4944.5	1335.0
18.0	2200.0	594.0	23.0	3450.0	931.5	28.0	4977.8	1344.0
.1	2222.3	600.0	.1	3477.8	939.0	.1	5011.2	1353.0
.2	2244.7	606.1	.2	3505.8	946.6	.2	5044.7	1362.1
.3	2267.2	612.1	.3	3533.8	954.1	.3	5078.3	1371.1
.4	2289.8	618.2	.4	3562.0	961.7	.4	5112.0	1380.2
.5	2312.5	624.4	.5	3590.3	969.4	.5	5145.8	1389.4
.6	2335.3	630.5	.6	3618.7	977.0	.6	5179.8	1398.5
.7	2358.3	636.7	.7	3647.2	984.7	.7	5213.8	1407.7
.8	2381.3	643.0	.8	3675.8	992.5	.8	5248.0	1417.0
.9	2404.5	649.2	.9	3704.5	1000.2	.9	5282.3	1426.2
19.0	2427.8	655.5	24.0	3733.3	1008.0	29.0	5316.7	1435.5
.1	2451.2	661.8	.1	3762.3	1015.8	.1	5351.2	1444.8
.2	2474.7	668.2	.2	3791.3	1023.7	.2	5385.8	1454.2
.3	2498.3	674.5	.3	3820.5	1031.5	.3	5420.5	1463.5
.4	2522.0	680.9	.4	3849.8	1039.4	.4	5455.3	1472.9
.5	2545.8	687.4	.5	3879.2	1047.4	.5	5490.3	1482.4
.6	2569.8	693.8	.6	3908.7	1055.3	.6	5525.3	1491.8
.7	2593.8	700.3	.7	3938.3	1063.3	.7	5560.5	1501.3
.8	2618.0	706.9	.8	3968.0	1071.4	.8	5595.8	1510.9
.9	2642.3	713.4	.9	3997.8	1079.4	.9	5631.2	1520.4
20.0	2666.7	720.0	25.0	4027.8	1087.5	30.0	5666.7	1530.0

TABLE II Side Slopes 1½ : 1

Crown 7 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	2.65	0.72	5.1	276.7	74.7	10.1	828.6	223.7
.2	5.41	1.46	.2	285.0	77.0	.2	842.4	227.5
.3	8.3	2.24	.3	293.5	79.2	.3	856.4	231.2
.4	11.3	3.04	.4	302.0	81.5	.4	870.5	235.0
.5	14.4	3.88	.5	310.6	83.9	.5	884.7	238.9
.6	17.6	4.74	.6	319.4	86.2	.6	899.0	242.7
.7	20.9	5.64	.7	328.3	88.6	.7	913.5	246.6
.8	24.3	6.6	.8	337.3	91.1	.8	928.0	250.6
.9	27.8	7.5	.9	346.4	93.5	.9	942.6	254.5
1.0	31.5	8.5	6.0	355.6	96.0	11.0	957.4	258.5
.1	35.2	9.5	.1	364.9	98.5	.1	972.3	262.5
.2	39.1	10.6	.2	374.3	101.1	.2	987.3	266.6
.3	43.1	11.6	.3	383.8	103.6	.3	1002.4	270.6
.4	47.2	12.7	.4	393.5	106.2	.4	1017.6	274.7
.5	51.4	13.9	.5	403.2	108.9	.5	1032.9	278.9
.6	55.7	15.0	.6	413.1	111.5	.6	1048.3	283.0
.7	60.1	16.2	.7	423.1	114.2	.7	1063.8	287.2
.8	64.7	17.5	.8	433.2	117.0	.8	1079.5	291.5
.9	69.3	18.7	.9	443.4	119.7	.9	1095.2	295.7
2.0	74.1	20.0	7.0	453.7	122.5	12.0	1111.1	300.0
.1	78.9	21.3	.1	464.1	125.3	.1	1127.1	304.3
.2	83.9	22.7	.2	474.7	128.2	.2	1143.2	308.7
.3	89.0	24.0	.3	485.3	131.0	.3	1159.4	313.0
.4	94.2	25.4	.4	496.1	133.9	.4	1175.7	317.4
.5	99.5	26.9	.5	506.9	136.9	.5	1192.1	321.9
.6	105.0	28.3	.6	517.9	139.8	.6	1208.7	326.3
.7	110.5	29.8	.7	529.0	142.8	.7	1225.3	330.8
.8	116.1	31.4	.8	540.2	145.9	.8	1242.1	335.4
.9	121.9	32.9	.9	551.5	148.9	.9	1258.9	339.9
3.0	127.8	34.5	8.0	563.0	152.0	13.0	1275.9	344.5
.1	133.8	36.1	.1	574.5	155.1	.1	1293.0	349.1
.2	139.9	37.8	.2	586.1	158.3	.2	1310.2	353.8
.3	146.1	39.4	.3	597.9	161.4	.3	1327.5	358.4
.4	152.4	41.1	.4	609.8	164.6	.4	1345.0	363.1
.5	158.8	42.9	.5	621.8	167.9	.5	1362.5	367.9
.6	165.3	44.6	.6	633.9	171.1	.6	1380.1	372.6
.7	172.0	46.4	.7	646.1	174.4	.7	1397.9	377.4
.8	178.7	48.3	.8	658.4	177.8	.8	1415.8	382.3
.9	185.6	50.1	.9	670.8	181.1	.9	1433.8	387.1
4.0	192.6	52.0	9.0	683.3	184.5	14.0	1451.9	392.0
.1	199.7	53.9	.1	696.0	187.9	.1	1470.1	396.9
.2	206.9	55.9	.2	708.7	191.4	.2	1488.4	401.9
.3	214.2	57.8	.3	721.6	194.8	.3	1506.8	406.8
.4	221.6	59.8	.4	734.6	198.3	.4	1525.3	411.8
.5	229.2	61.9	.5	747.7	201.9	.5	1544.0	416.9
.6	236.8	63.9	.6	760.9	205.4	.6	1562.7	421.9
.7	244.6	66.0	.7	774.2	209.0	.7	1581.6	427.0
.8	252.4	68.2	.8	787.6	212.7	.8	1600.6	432.2
.9	260.4	70.3	.9	801.2	216.3	.9	1619.7	437.3
	268.5	72.5	10.0	814.8	220.0	15.0	1638.9	442.5

TABLE II Side Slopes 1½ : 1

Crown 7 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1658.2	447.7	20.1	2765.6	746.7	25.1	4150.8	1120.7
.2	1677.6	453.0	.2	2790.6	753.5	.2	4181.3	1129.0
.3	1697.2	458.2	.3	2815.7	760.2	.3	4212.0	1137.2
.4	1716.8	463.5	.4	2840.9	767.0	.4	4242.7	1145.5
.5	1736.6	468.9	.5	2866.2	773.9	.5	4273.6	1153.9
.6	1756.4	474.2	.6	2891.6	780.7	.6	4304.6	1162.2
.7	1776.4	479.6	.7	2917.2	787.6	.7	4335.7	1170.6
.8	1796.5	485.1	.8	2942.8	794.6	.8	4366.9	1179.1
.9	1816.7	490.5	.9	2968.6	801.5	.9	4398.2	1187.5
16.0	1837.0	496.0	21.0	2994.4	808.5	26.0	4429.6	1196.0
.1	1857.5	501.5	.1	3020.4	815.5	.1	4461.2	1204.5
.2	1878.0	507.1	.2	3046.5	822.6	.2	4492.8	1213.1
.3	1898.6	512.6	.3	3072.7	829.6	.3	4524.6	1221.6
.4	1919.4	518.2	.4	3099.0	836.7	.4	4556.4	1230.2
.5	1940.3	523.9	.5	3125.5	843.9	.5	4588.4	1238.9
.6	1961.3	529.5	.6	3152.0	851.0	.6	4620.5	1247.5
.7	1982.4	535.2	.7	3178.6	858.2	.7	4652.7	1256.2
.8	2003.6	541.0	.8	3205.4	865.5	.8	4685.0	1265.0
.9	2024.9	546.7	.9	3232.3	872.7	.9	4717.5	1273.7
17.0	2046.3	552.5	22.0	3259.3	880.0	27.0	4750.0	1282.5
.1	2067.8	558.3	.1	3286.4	887.3	.1	4782.6	1291.3
.2	2089.5	564.2	.2	3313.6	894.7	.2	4815.4	1300.2
.3	2111.2	570.0	.3	3340.9	902.0	.3	4848.3	1309.0
.4	2133.1	575.9	.4	3368.3	909.4	.4	4881.3	1317.9
.5	2155.1	581.9	.5	3395.8	916.9	.5	4914.4	1326.9
.6	2177.2	587.8	.6	3423.5	924.3	.6	4947.6	1335.8
.7	2199.4	593.8	.7	3451.2	931.8	.7	4980.9	1344.8
.8	2221.7	599.9	.8	3479.1	939.4	.8	5014.3	1353.9
.9	2244.1	605.9	.9	3507.1	946.9	.9	5047.8	1362.9
18.0	2266.7	612.0	23.0	3535.2	954.5	28.0	5081.5	1372.0
.1	2289.3	618.1	.1	3563.4	962.1	.1	5115.2	1381.1
.2	2312.1	624.3	.2	3591.7	969.8	.2	5149.1	1390.3
.3	2334.9	630.4	.3	3620.1	977.4	.3	5183.1	1399.4
.4	2357.9	636.6	.4	3648.7	985.1	.4	5217.2	1408.6
.5	2381.0	642.9	.5	3677.3	992.9	.5	5251.4	1417.9
.6	2404.2	649.1	.6	3706.1	1000.6	.6	5285.7	1427.1
.7	2427.5	655.4	.7	3734.9	1008.4	.7	5320.1	1436.4
.8	2451.0	661.8	.8	3763.9	1016.3	.8	5354.7	1445.8
.9	2474.5	668.1	.9	3793.0	1024.1	.9	5389.3	1455.1
19.0	2498.1	674.5	24.0	3822.2	1032.0	29.0	5424.1	1464.5
.1	2521.9	680.9	.1	3851.5	1039.9	.1	5458.9	1473.9
.2	2545.8	687.4	.2	3881.0	1047.9	.2	5493.9	1483.4
.3	2569.8	693.8	.3	3910.5	1055.8	.3	5529.0	1492.8
.4	2593.9	700.3	.4	3940.1	1063.8	.4	5564.2	1502.3
.5	2618.1	706.9	.5	3969.9	1071.9	.5	5599.5	1511.9
.6	2642.4	713.4	.6	3999.8	1079.9	.6	5635.0	1521.4
.7	2666.8	720.0	.7	4029.8	1088.0	.7	5670.5	1531.0
.8	2691.3	726.7	.8	4059.9	1096.2	.8	5706.1	1540.7
.9	2716.0	733.3	.9	4090.1	1104.3	.9	5741.9	1550.3
20.0	2740.7	740.0	25.0	4120.4	1112.5	30.0	5777.8	1560.0

TABLE II Side Slopes 1½ : 1
Crown 8 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.02	0.82	5.1	295.6	79.8	10.1	866.0	233.8
.2	6.15	1.66	.2	304.3	82.2	.2	880.2	237.7
.3	9.4	2.54	.3	313.1	84.5	.3	894.6	241.5
.4	12.7	3.44	.4	322.0	86.9	.4	909.0	245.4
.5	16.2	4.38	.5	331.0	89.4	.5	923.6	249.4
.6	19.8	5.34	.6	340.1	91.8	.6	938.3	253.3
.7	23.5	6.3	.7	349.4	94.3	.7	953.1	257.3
.8	27.3	7.4	.8	358.7	96.9	.8	968.0	261.4
.9	31.2	8.4	.9	368.2	99.4	.9	983.0	265.4
1.0	35.2	9.5	6.0	377.8	102.0	11.0	998.1	269.5
.1	39.3	10.6	.1	387.5	104.6	.1	1013.4	273.6
.2	43.6	11.8	.2	397.3	107.3	.2	1028.7	277.8
.3	47.9	12.9	.3	407.2	109.9	.3	1044.2	281.9
.4	52.4	14.1	.4	417.2	112.6	.4	1059.8	286.1
.5	56.9	15.4	.5	427.3	115.4	.5	1075.5	290.4
.6	61.6	16.6	.6	437.6	118.1	.6	1091.3	294.6
.7	66.4	17.9	.7	447.9	120.9	.7	1107.2	298.9
.8	71.3	19.3	.8	458.4	123.8	.8	1123.2	303.3
.9	76.4	20.6	.9	468.9	126.6	.9	1139.3	307.6
2.0	81.5	22.0	7.0	479.6	129.5	12.0	1155.6	312.0
.1	86.7	23.4	.1	490.4	132.4	.1	1171.9	316.4
.2	92.1	24.9	.2	501.3	135.4	.2	1188.4	320.9
.3	97.5	26.3	.3	512.4	138.3	.3	1204.9	325.3
.4	103.1	27.8	.4	523.5	141.3	.4	1221.6	329.8
.5	108.8	29.4	.5	534.7	144.4	.5	1238.4	334.4
.6	114.6	30.9	.6	546.1	147.4	.6	1255.3	338.9
.7	120.5	32.5	.7	557.5	150.5	.7	1272.4	343.5
.8	126.5	34.2	.8	569.1	153.7	.8	1289.5	348.2
.9	132.6	35.8	.9	580.8	156.8	.9	1306.7	352.8
3.0	138.9	37.5	8.0	592.6	160.0	13.0	1324.1	357.5
.1	145.2	39.2	.1	604.5	163.2	.1	1341.5	362.2
.2	151.7	41.0	.2	616.5	166.5	.2	1359.1	367.0
.3	158.3	42.7	.3	628.6	169.7	.3	1376.8	371.7
.4	165.0	44.5	.4	640.9	173.0	.4	1394.6	376.5
.5	171.8	46.4	.5	653.2	176.4	.5	1412.5	381.4
.6	178.7	48.2	.6	665.7	179.7	.6	1430.5	386.2
.7	185.7	50.1	.7	678.3	183.1	.7	1448.6	391.1
.8	192.8	52.1	.8	691.0	186.6	.8	1466.9	396.1
.9	200.1	54.0	.9	703.8	190.0	.9	1485.2	401.0
4.0	207.4	56.0	9.0	716.7	193.5	14.0	1503.7	406.0
.1	214.9	58.0	.1	729.7	197.0	.1	1522.3	411.0
.2	222.4	60.1	.2	742.8	200.6	.2	1541.0	416.1
.3	230.1	62.1	.3	756.1	204.1	.3	1559.8	421.1
.4	237.9	64.2	.4	769.4	207.7	.4	1578.7	426.2
.5	245.8	66.4	.5	782.9	211.4	.5	1597.7	431.4
.6	253.9	68.5	.6	796.4	215.0	.6	1616.8	436.5
.7	262.0	70.7	.7	810.1	218.7	.7	1636.1	441.7
.8	270.2	73.0	.8	823.9	222.5	.8	1655.4	447.0
.9	278.6	75.2	.9	837.8	226.2	.9	1674.9	452.2
5.0	287.0	77.5	10.0	851.9	230.0	15.0	1694.4	457.5

TABLE II Side Slopes 1½ : 1
Crown 8 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1714.1	462.8	20.1	2840.1	766.8	25.1	4243.8	1145.8
.2	1733.9	468.2	.2	2865.4	773.7	.2	4274.7	1154.2
.3	1753.8	473.5	.3	2890.9	780.5	.3	4305.7	1162.5
.4	1773.9	478.9	.4	2916.4	787.4	.4	4336.8	1170.9
.5	1794.0	484.4	.5	2942.1	794.4	.5	4368.1	1179.4
.6	1814.2	489.8	.6	2967.9	801.3	.6	4399.4	1187.8
.7	1834.6	495.3	.7	2993.8	808.3	.7	4430.9	1196.3
.8	1855.0	500.9	.8	3019.9	815.4	.8	4462.4	1204.9
.9	1875.6	506.4	.9	3046.0	822.4	.9	4494.1	1213.4
16.0	1896.3	512.0	21.0	3072.2	829.5	26.0	4525.9	1222.0
.1	1917.1	517.6	.1	3098.6	836.6	.1	4557.8	1230.6
.2	1938.0	523.3	.2	3125.0	843.8	.2	4589.9	1239.3
.3	1959.0	528.9	.3	3151.6	850.9	.3	4622.0	1247.9
.4	1980.1	534.6	.4	3178.3	858.1	.4	4654.2	1256.6
.5	2001.4	540.4	.5	3205.1	865.4	.5	4686.6	1265.4
.6	2022.7	546.1	.6	3232.0	872.6	.6	4719.0	1274.1
.7	2044.2	551.9	.7	3259.0	879.9	.7	4751.6	1282.9
.8	2065.8	557.8	.8	3286.1	887.3	.8	4784.3	1291.8
.9	2087.5	563.6	.9	3313.4	894.6	.9	4817.1	1300.6
17.0	2109.3	569.5	22.0	3340.7	902.0	27.0	4850.0	1309.5
.1	2131.2	575.4	.1	3368.2	909.4	.1	4883.0	1318.4
.2	2153.2	581.4	.2	3395.8	916.9	.2	4916.1	1327.4
.3	2175.3	587.3	.3	3423.5	924.3	.3	4949.4	1336.3
.4	2197.6	593.3	.4	3451.3	931.8	.4	4982.7	1345.3
.5	2219.9	599.4	.5	3479.2	939.4	.5	5016.2	1354.4
.6	2242.4	605.4	.6	3507.2	946.9	.6	5049.8	1363.4
.7	2264.9	611.5	.7	3535.3	954.5	.7	5083.5	1372.5
.8	2287.6	617.7	.8	3563.6	962.2	.8	5117.3	1381.7
.9	2310.4	623.8	.9	3591.9	969.8	.9	5151.2	1390.8
18.0	2333.3	630.0	23.0	3620.4	977.5	28.0	5185.2	1400.0
.1	2356.4	636.2	.1	3648.9	985.2	.1	5219.3	1409.2
.2	2379.5	642.5	.2	3677.6	993.0	.2	5253.6	1418.5
.3	2402.7	648.7	.3	3706.4	1000.7	.3	5287.9	1427.7
.4	2426.1	655.0	.4	3735.3	1008.5	.4	5322.4	1437.0
.5	2449.5	661.4	.5	3764.4	1016.4	.5	5356.9	1446.4
.6	2473.1	667.7	.6	3793.5	1024.2	.6	5391.6	1455.7
.7	2496.8	674.1	.7	3822.7	1032.1	.7	5426.4	1465.1
.8	2520.6	680.6	.8	3852.1	1040.1	.8	5461.3	1474.6
.9	2544.5	687.0	.9	3881.5	1048.0	.9	5496.4	1484.0
19.0	2568.5	693.5	24.0	3911 1	1056.0	29.0	5531.5	1493.5
.1	2592.6	700.0	.1	3940.8	1064.0	.1	5566.7	1503.0
.2	2616.9	706.6	.2	3970.6	1072.1	.2	5602.1	1512.6
.3	2641.2	713.1	.3	4000.5	1080.1	.3	5637.5	1522.1
.4	2665.7	719.7	.4	4030.5	1088.2	.4	5673.1	1531.7
.5	2690.3	726.4	.5	4060.6	1096.4	.5	5708.8	1541.4
.6	2715.0	733.0	.6	4090.9	1104.5	.6	5744.6	1551.0
.7	2739.8	739.7	.7	4121.2	1112.7	.7	5780.5	1560.7
.8	2764.7	746.5	.8	4151.7	1121.0	.8	5816.5	1570.5
.9	2789.7	753.2	.9	4182.3	1129.2	.9	5852.6	1580.2
20.0	2814.8	760.0	25.0	4213.0	1137.5	30.0	5888.9	1590.0

TABLE II Side Slopes 1½ : 1

Crown 9 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.39	0.92	5.1	314.5	84.9	10.1	903.4	243.9
.2	6.89	1.86	.2	323.6	87.4	.2	918.0	247.9
.3	10.5	2.84	.3	332.7	89.8	.3	932.7	251.8
.4	14.2	3.84	.4	342.0	92.3	.4	947.6	255.8
.5	18.1	4.88	.5	351.4	94.9	.5	962.5	259.9
.6	22.0	5.94	.6	360.9	97.4	.6	977.6	263.9
.7	26.1	7.0	.7	370.5	100.0	.7	992.7	268.0
.8	30.2	8.2	.8	380.2	102.7	.8	1008.0	272.2
.9	34.5	9.3	.9	390.1	105.3	.9	1023.4	276.3
1.0	38.9	10.5	6.0	400.0	108.0	11.0	1038.9	280.5
.1	43.4	11.7	.1	410.1	110.7	.1	1054.5	284.7
.2	48.0	13.0	.2	420.2	113.5	.2	1070.2	289.0
.3	52.7	14.2	.3	430.5	116.2	.3	1086.1	293.2
.4	57.6	15.5	.4	440.9	119.0	.4	1102.0	297.5
.5	62.5	16.9	.5	451.4	121.9	.5	1118.1	301.9
.6	67.6	18.2	.6	462.0	124.7	.6	1134.2	306.2
.7	72.7	19.6	.7	472.7	127.6	.7	1150.5	310.6
.8	78.0	21.1	.8	483.6	130.6	.8	1166.9	315.1
.9	83.4	22.5	.9	494.5	133.5	.9	1183.4	319.5
2.0	88.9	24.0	7.0	505.6	136.5	12.0	1200.0	324.0
.1	94.5	25.5	.1	516.7	139.5	.1	1216.7	328.5
.2	100.2	27.1	.2	528.0	142.6	.2	1233.6	333.1
.3	106.1	28.6	.3	539.4	145.6	.3	1250.5	337.6
.4	112.0	30.2	.4	550.9	148.7	.4	1267.6	342.2
.5	118.1	31.9	.5	562.5	151.9	.5	1284.7	346.9
.6	124.2	33.5	.6	574.2	155.0	.6	1302.0	351.5
.7	130.5	35.2	.7	586.1	158.2	.7	1319.4	356.2
.8	136.9	37.0	.8	598.0	161.5	.8	1336.9	361.0
.9	143.4	38.7	.9	610.1	164.7	.9	1354.5	365.7
3.0	150.0	40.5	8.0	622.2	168.0	13.0	1372.2	370.5
.1	156.7	42.3	.1	634.5	171.3	.1	1390.1	375.3
.2	163.6	44.2	.2	646.9	174.7	.2	1408.0	380.2
.3	170.5	46.0	.3	659.4	178.0	.3	1426.1	385.0
.4	177.6	47.9	.4	672.0	181.4	.4	1444.2	389.9
.5	184.7	49.9	.5	684.7	184.9	.5	1462.5	394.9
.6	192.0	51.8	.6	697.6	188.3	.6	1480.9	399.8
.7	199.4	53.8	.7	710.5	191.8	.7	1499.4	404.8
.8	206.9	55.9	.8	723.6	195.4	.8	1518.0	409.9
.9	214.5	57.9	.9	736.7	198.9	.9	1536.7	414.9
4.0	222.2	60.0	9.0	750.0	202.5	14.0	1555.6	420.0
.1	230.1	62.1	.1	763.4	206.1	.1	1574.5	425.1
.2	238.0	64.3	.2	776.9	209.8	.2	1593.6	430.3
.3	246.1	66.4	.3	790.5	213.4	.3	1612.7	435.4
.4	254.2	68.6	.4	804.2	217.1	.4	1632.0	440.6
.5	262.5	70.9	.5	818.1	220.9	.5	1651.4	445.9
.6	270.9	73.1	.6	832.0	224.6	.6	1670.9	451.1
.7	279.4	75.4	.7	846.1	228.4	.7	1690.5	456.4
.8	288.0	77.8	.8	860.2	232.3	.8	1710.2	461.8
.9	296.7	80.1	.9	874.5	236.1	.9	1730.1	467.1
5.0	305.6	82.5	10.0	888.9	240.0	15.0	1750.0	472.5

TABLE II Side Slopes 1½ : 1
Crown 9 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1770.1	477.9	20.1	2914.5	786.9	25.1	4336.7	1170.9
.2	1790.2	483.4	.2	2940.2	793.9	.2	4368.0	1179.4
.3	1810.5	488.8	.3	2966.1	800.8	.3	4399.4	1187.8
.4	1830.9	494.3	.4	2992.0	807.8	.4	4430.9	1196.3
.5	1851.4	499.9	.5	3018.1	814.9	.5	4462.5	1204.9
.6	1872.0	505.4	.6	3044.2	821.9	.6	4494.2	1213.4
.7	1892.7	511.0	.7	3070.5	829.0	.7	4526.1	1222.0
.8	1913.6	516.7	.8	3096.9	836.2	.8	4558.0	1230.7
.9	1934.5	522.3	.9	3123.4	843.3	.9	4590.1	1239.3
16.0	1955.6	528.0	21.0	3150.0	850.5	26.0	4622.2	1248.0
.1	1976.7	533.7	.1	3176.7	857.7	.1	4654.5	1256.7
.2	1998.0	539.5	.2	3203.6	865.0	.2	4686.9	1265.5
.3	2019.4	545.2	.3	3230.5	872.2	.3	4719.4	1274.2
.4	2040.9	551.0	.4	3257.6	879.5	.4	4752.0	1283.0
.5	2062.5	556.9	.5	3284.7	886.9	.5	4784.7	1291.9
.6	2084.2	562.7	.6	3312.0	894.2	.6	4817.6	1300.7
.7	2106.1	568.6	.7	3339.4	901.6	.7	4850.5	1309.6
.8	2128.0	574.6	.8	3366.9	909.1	.8	4883.6	1318.6
.9	2150.1	580.5	.9	3394.5	916.5	.9	4916.7	1327.5
17.0	2172.2	586.5	22.0	3422.2	924.0	27.0	4950.0	1336.5
.1	2194.5	592.5	.1	3450.1	931.5	.1	4983.4	1345.5
.2	2216.9	598.6	.2	3478.0	939.1	.2	5016.9	1354.6
.3	2239.4	604.6	.3	3506.1	946.6	.3	5050.5	1363.6
.4	2262.0	610.7	.4	3534.2	954.2	.4	5084.2	1372.7
.5	2284.7	616.9	.5	3562.5	961.9	.5	5118.1	1381.9
.6	2307.6	623.0	.6	3590.9	969.5	.6	5152.0	1391.0
.7	2330.5	629.2	.7	3619.4	977.2	.7	5186.1	1400.2
.8	2353.6	635.5	.8	3648.0	985.0	.8	5220.2	1409.5
.9	2376.7	641.7	.9	3676.7	992.7	.9	5254.5	1418.7
18.0	2400.0	648.0	23.0	3705.6	1000.5	28.0	5288.9	1428.0
.1	2423.4	654.3	.1	3734.5	1008.3	.1	5323.4	1437.3
.2	2446.9	660.7	.2	3763.6	1016.2	.2	5358.0	1446.7
.3	2470.5	667.0	.3	3792.7	1024.0	.3	5392.7	1456.0
.4	2494.2	673.4	.4	3822.0	1031.9	.4	5427.6	1465.4
.5	2518.1	679.9	.5	3851.4	1039.9	.5	5462.5	1474.9
.6	2542.0	686.3	.6	3880.9	1047.8	.6	5497.6	1484.3
.7	2566.1	692.8	.7	3910.5	1055.8	.7	5532.7	1493.8
.8	2590.2	699.4	.8	3940.2	1063.9	.8	5568.0	1503.4
.9	2614.5	705.9	.9	3970.1	1071.9	.9	5603.4	1512.9
19.0	2638.9	712.5	24.0	4000.0	1080.0	29.0	5638.9	1522.5
.1	2663.4	719.1	.1	4030.1	1088.1	.1	5674.5	1532.1
.2	2688.0	725.8	.2	4060.2	1096.3	.2	5710.2	1541.8
.3	2712.7	732.4	.3	4090.5	1104.4	.3	5746.1	1551.4
.4	2737.6	739.1	.4	4120.9	1112.6	.4	5782.0	1561.1
.5	2762.5	745.9	.5	4151.4	1120.9	.5	5818.1	1570.9
.6	2787.6	752.6	.6	4182.0	1129.1	.6	5854.2	1580.6
.7	2812.7	759.4	.7	4212.7	1137.4	.7	5890.5	1590.4
.8	2838.0	766.3	.8	4243.6	1145.8	.8	5926.9	1600.3
.9	2863.4	773.1	.9	4274.5	1154.1	.9	5963.4	1610.1
20.0	2888.9	780.0	25.0	4305.6	1162.5	30.0	6000.0	1620.0

TABLE II Side Slopes 1½ : 1
Crown 10 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.76	1.02	5.1	333.4	90.0	10.1	940.8	254.0
.2	7.63	2.06	.2	342.8	92.6	.2	955.8	258.1
.3	11.6	3.14	.3	352.4	95.1	.3	970.9	262.1
.4	15.7	4.24	.4	362.0	97.7	.4	986.1	266.2
.5	19.9	5.38	.5	371.8	100.4	.5	1001.4	270.4
.6	24.2	6.5	.6	381.6	103.0	.6	1016.8	274.5
.7	28.6	7.7	.7	391.6	105.7	.7	1032.4	278.7
.8	33.2	9.0	.8	401.7	108.5	.8	1048.0	283.0
.9	37.8	10.2	.9	411.9	111.2	.9	1063.8	287.2
1.0	42.6	11.5	6.0	422.2	114.0	11.0	1079.6	291.5
.1	47.5	12.8	.1	432.6	116.8	.1	1095.6	295.8
.2	52.4	14.2	.2	443.2	119.7	.2	1111.7	300.2
.3	57.5	15.5	.3	453.8	122.5	.3	1127.9	304.5
.4	62.7	16.9	.4	464.6	125.4	.4	1144.2	308.9
.5	68.1	18.4	.5	475.5	128.4	.5	1160.6	313.4
.6	73.5	19.8	.6	486.4	131.3	.6	1177.2	317.8
.7	79.0	21.3	.7	497.5	134.3	.7	1193.8	322.3
.8	84.7	22.9	.8	508.7	137.4	.8	1210.6	326.9
.9	90.4	24.4	.9	520.1	140.4	.9	1227.5	331.4
2.0	96.3	26.0	7.0	531.5	143.5	12.0	1244.4	336.0
.1	102.3	27.6	.1	543.0	146.6	.1	1261.5	340.6
.2	108.4	29.3	.2	554.7	149.8	.2	1278.7	345.3
.3	114.6	30.9	.3	566.4	152.9	.3	1296.1	349.9
.4	120.9	32.6	.4	578.3	156.1	.4	1313.5	354.6
.5	127.3	34.4	.5	590.3	159.4	.5	1331.0	359.4
.6	133.9	36.1	.6	602.4	162.6	.6	1348.7	364.1
.7	140.5	37.9	.7	614.6	165.9	.7	1366.4	368.9
.8	147.3	39.8	.8	626.9	169.3	.8	1384.3	373.8
.9	154.1	41.6	.9	639.3	172.6	.9	1402.3	378.6
3.0	161.1	43.5	8.0	651.9	176.0	13.0	1420.4	383.5
.1	168.2	45.4	.1	664.5	179.4	.1	1438.6	388.4
.2	175.4	47.4	.2	677.3	182.9	.2	1456.9	393.4
.3	182.7	49.3	.3	690.1	186.3	.3	1475.3	398.3
.4	190.1	51.3	.4	703.1	189.8	.4	1493.9	403.3
.5	197.7	53.4	.5	716.2	193.4	.5	1512.5	408.4
.6	205.3	55.4	.6	729.4	196.9	.6	1531.3	413.4
.7	213.1	57.5	.7	742.7	200.5	.7	1550.1	418.5
.8	221.0	59.7	.8	756.1	204.2	.8	1569.1	423.7
.9	228.9	61.8	.9	769.7	207.8	.9	1588.2	428.8
4.0	237.0	64.0	9.0	783.3	211.5	14.0	1607.4	434.0
.1	245.2	66.2	.1	797.1	215.2	.1	1626.7	439.2
.2	253.6	68.5	.2	811.0	219.0	.2	1646.1	444.5
.3	262.0	70.7	.3	824.9	222.7	.3	1665.7	449.7
.4	270.5	73.0	.4	839.0	226.5	.4	1685.3	455.0
.5	279.2	75.4	.5	853.2	230.4	.5	1705.1	460.4
.6	287.9	77.7	.6	867.6	234.2	.6	1725.0	465.7
.7	296.8	80.1	.7	882.0	238.1	.7	1744.9	471.1
.8	305.8	82.6	.8	896.5	242.1	.8	1765.0	476.6
.9	314.9	85.0	.9	911.2	246.0	.9	1785.2	482.0
5.0	324.1	87.5	10.0	925.9	250.0	15.0	1805.6	487.5

TABLE II Side Slopes 1½ : 1
Crown 10 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1826.0	493.0	20.1	2988.9	807.0	25.1	4429.7	1196.0
.2	1846.5	498.6	.2	3015.0	814.1	.2	4461.3	1204.6
.3	1867.2	504.1	.3	3041.2	821.1	.3	4493.1	1213.1
.4	1887.9	509.7	.4	3067.6	828.2	.4	4525.0	1221.7
.5	1908.8	515.4	.5	3094.0	835.4	.5	4556.9	1230.4
.6	1929.8	521.0	.6	3120.5	842.5	.6	4589.0	1239.0
.7	1950.9	526.7	.7	3147.2	849.7	.7	4621.2	1247.7
.8	1972.1	532.5	.8	3173.9	857.0	.8	4653.6	1256.5
.9	1993.4	538.2	.9	3200.8	864.2	.9	4686.0	1265.2
16.0	2014.8	544.0	21.0	3227.8	871.5	26.0	4718.5	1274.0
.1	2036.4	549.8	.1	3254.9	878.8	.1	4751.2	1282.8
.2	2058.0	555.7	.2	3282.1	886.2	.2	4783.9	1291.7
.3	2079.8	561.5	.3	3309.4	893.5	.3	4816.8	1300.5
.4	2101.6	567.4	.4	3336.8	900.9	.4	4849.8	1309.4
.5	2123.6	573.4	.5	3364.4	908.4	.5	4882.9	1318.4
.6	2145.7	579.3	.6	3392.0	915.8	.6	4916.1	1327.3
.7	2167.9	585.3	.7	3419.8	923.3	.7	4949.4	1336.3
.8	2190.2	591.4	.8	3447.6	930.9	.8	4982.8	1345.4
.9	2212.6	597.4	.9	3475.6	938.4	.9	5016.4	1354.4
17.0	2235.2	603.5	22.0	3503.7	946.0	27.0	5050.0	1363.5
.1	2257.8	609.6	.1	3531.9	953.6	.1	5083.8	1372.6
.2	2280.6	615.8	.2	3560.2	961.3	.2	5117.6	1381.8
.3	2303.5	621.9	.3	3588.6	968.9	.3	5151.6	1390.9
.4	2326.4	628.1	.4	3617.2	976.6	.4	5185.7	1400.1
.5	2349.5	634.4	.5	3645.8	984.4	.5	5219.9	1409.4
.6	2372.7	640.6	.6	3674.6	992.1	.6	5254.2	1418.6
.7	2396.1	646.9	.7	3703.5	999.9	.7	5288.6	1427.9
.8	2419.5	653.3	.8	3732.4	1007.8	.8	5323.2	1437.3
.9	2443.0	659.6	.9	3761.5	1015.6	.9	5357.8	1446.6
18.0	2466.7	666.0	23.0	3790.7	1023.5	28.0	5392.6	1456.0
.1	2490.4	672.4	.1	3820.1	1031.4	.1	5427.5	1465.4
.2	2514.3	678.9	.2	3849.5	1039.4	.2	5462.4	1474.9
.3	2538.3	685.3	.3	3879.0	1047.3	.3	5497.5	1484.3
.4	2562.4	691.8	.4	3908.7	1055.3	.4	5532.7	1493.8
.5	2586.6	698.4	.5	3938.4	1063.4	.5	5568.1	1503.4
.6	2610.9	704.9	.6	3968.3	1071.4	.6	5603.5	1512.9
.7	2635.3	711.5	.7	3998.3	1079.5	.7	5639.0	1522.5
.8	2659.9	718.2	.8	4028.4	1087.7	.8	5674.7	1532.2
.9	2684.5	724.8	.9	4058.6	1095.8	.9	5710.4	1541.8
19.0	2709.3	731.5	24.0	4088.9	1104.0	29.0	5746.3	1551.5
.1	2734.1	738.2	.1	4119.3	1112.2	.1	5782.3	1561.2
.2	2759.1	745.0	.2	4149.9	1120.5	.2	5818.4	1571.0
.3	2784.2	751.7	.3	4180.5	1128.7	.3	5854.6	1580.7
.4	2809.4	758.5	.4	4211.3	1137.0	.4	5890.9	1590.5
.5	2834.7	765.4	.5	4242.1	1145.4	.5	5927.3	1600.4
.6	2860.1	772.2	.6	4273.1	1153.7	.6	5963.9	1610.2
.7	2885.7	779.1	.7	4304.2	1162.1	.7	6000.5	1620.1
.8	2911.3	786.1	.8	4335.4	1170.6	.8	6037.3	1630.1
.9	2937.1	793.0	.9	4366.7	1179.0	.9	6074.1	1640.0
20.0	2963.0	800.0	25.0	4398.1	1187.5	30.0	6111.1	1650.0

TABLE III Side Slopes 2 : 1
Crown 1 Foot

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	0.444	0.120	5.1	211.6	57.1	10.1	793.0	214.1
2	1.037	0.280	.2	219.6	59.3	.2	808.4	218.3
.3	1.78	0.480	.3	227.7	61.5	.3	824.0	222.5
.4	2.67	0.720	.4	236.0	63.7	.4	839.7	226.7
.5	3.70	1.00	.5	244.4	66.0	.5	855.6	231.0
.6	4.89	1.32	.6	253.0	68.3	.6	871.6	235.3
.7	6.22	1.68	.7	261.8	70.7	.7	887.7	239.7
.8	7.7	2.08	.8	270.7	73.1	.8	904.0	244.1
.9	9.3	2.52	.9	279.7	75.5	.9	920.4	248.5
1.0	11.1	3.00	6.0	288.9	78.0	11.0	937.0	253.0
.1	13.0	3.52	.1	298.2	80.5	.1	953.8	257.5
.2	15.1	4.08	.2	307.7	83.1	.2	970.7	262.1
.3	17.3	4.68	.3	317.3	85.7	.3	987.7	266.7
.4	19.7	5.32	.4	327.1	88.3	.4	1004.9	271.3
.5	22.2	6.0	.5	337.0	91.0	.5	1022.2	276.0
.6	24.9	6.7	.6	347.1	93.7	.6	1039.7	280.7
.7	27.7	7.5	.7	357.3	96.5	.7	1057.3	285.5
.8	30.7	8.3	.8	367.7	99.3	.8	1075.1	290.3
.9	33.8	9.1	.9	378.2	102.1	.9	1093.0	295.1
2.0	37.0	10.0	7.0	388.9	105.0	12.0	1111.1	300.0
.1	40.4	10.9	.1	399.7	107.9	.1	1129.3	304.9
.2	44.0	11.9	.2	410.7	110.9	.2	1147.7	309.9
.3	47.7	12.9	.3	421.8	113.9	.3	1166.2	314.9
.4	51.6	13.9	.4	433.0	116.9	.4	1184.9	319.9
.5	55.6	15.0	.5	444.4	120.0	.5	1203.7	325.0
.6	59.7	16.1	.6	456.0	123.1	.6	1222.7	330.1
.7	64.0	17.3	.7	467.7	126.3	.7	1241.8	335.3
.8	68.4	18.5	.8	479.6	129.5	.8	1261.0	340.5
.9	73.0	19.7	.9	491.6	132.7	.9	1280.4	345.7
3.0	77.8	21.0	8.0	503.7	136.0	13.0	1300.0	351.0
.1	82.7	22.3	.1	516.0	139.3	.1	1319.7	356.3
.2	87.7	23.7	.2	528.4	142.7	.2	1339.6	361.7
.3	92.9	25.1	.3	541.0	146.1	.3	1359.6	367.1
.4	98.2	26.5	.4	553.8	149.5	.4	1379.7	372.5
.5	103.7	28.0	.5	566.7	153.0	.5	1400.0	378.0
.6	109.3	29.5	.6	579.7	156.5	.6	1420.4	383.5
.7	115.1	31.1	.7	592.9	160.1	.7	1441.0	389.1
.8	121.0	32.7	.8	606.2	163.7	.8	1461.8	394.7
.9	127.1	34.3	.9	619.7	167.3	.9	1482.7	400.3
4.0	133.3	36.0	9.0	633.3	171.0	14.0	1503.7	406.0
.1	139.7	37.7	.1	647.1	174.7	.1	1524.9	411.7
.2	146.2	39.5	.2	661.0	178.5	.2	1546.2	417.5
.3	152.9	41.3	.3	675.1	182.3	.3	1567.7	423.3
.4	159.7	43.1	.4	689.3	186.1	.4	1589.3	429.1
.5	166.7	45.0	.5	703.7	190.0	.5	1611.1	435.0
.6	173.8	46.9	.6	718.2	193.9	.6	1633.0	440.9
.7	181.0	48.9	.7	732.9	197.9	.7	1655.1	446.9
.8	188.4	50.9	.8	747.7	201.9	.8	1677.3	452.9
.9	196.0	52.9	.9	762.7	205.9	.9	1699.7	458.9
5.0	203.7	55.0	10.0	777.8	210.0	15.0	1722.2	465.0

TABLE III .Side Slopes 2 : 1
Crown 1 Foot

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1744.9	471.1	20.1	3067.1	828.1	25.1	4759.7	1285.1
.2	1767.7	477.3	.2	3097.3	836.3	.2	4797.3	1295.3
.3	1790.7	483.5	.3	3127.7	844.5	.3	4835.1	1305.5
.4	1813.8	489.7	.4	3158.2	852.7	.4	4873.0	1315.7
.5	1837.0	496.0	.5	3188.9	861.0	.5	4911.1	1326.0
.6	1860.4	502.3	.6	3219.7	869.3	.6	4949.3	1336.3
.7	1884.0	508.7	.7	3250.7	877.7	.7	4987.7	1346.7
.8	1907.7	515.1	.8	3281.8	886.1	.8	5026.2	1357.1
.9	1931.6	521.5	.9	3313.0	894.5	.9	5064.9	1367.5
16.0	1955.6	528.0	21.0	3344.4	903.0	26.0	5103.7	1378.0
.1	1979.7	534.5	.1	3376.0	911.5	.1	5142.7	1388.5
.2	2004.0	541.1	.2	3407.7	920.1	.2	5181.8	1399.1
.3	2028.4	547.7	.3	3439.6	928.7	.3	5221.0	1409.7
.4	2053.0	554.3	.4	3471.6	937.3	.4	5260.4	1420.3
.5	2077.8	561.0	.5	3503.7	946.0	.5	5300.0	1431.0
.6	2102.7	567.7	.6	3536.0	954.7	.6	5339.7	1441.7
.7	2127.7	574.5	.7	3568.4	963.5	.7	5379.6	1452.5
.8	2152.9	581.3	.8	3601.0	972.3	.8	5419.6	1463.3
.9	2178.2	588.1	.9	3633.8	981.1	.9	5459.7	1474.1
17.0	2203.7	595.0	22.0	3666.7	990.0	27.0	5500.0	1485.0
.1	2229.3	601.9	.1	3699.7	998.9	.1	5540.4	1495.9
.2	2255.1	608.9	.2	3732.9	1007.9	.2	5581.0	1506.9
.3	2281.0	615.9	.3	3766.2	1016.9	.3	5621.8	1517.9
.4	2307.1	622.9	.4	3799.7	1025.9	.4	5662.7	1528.9
.5	2333.3	630.0	.5	3833.3	1035.0	.5	5703.7	1540.0
.6	2359.7	637.1	.6	3867.1	1044.1	.6	5744.9	1551.1
.7	2386.2	644.3	.7	3901.0	1053.3	.7	5786.2	1562.3
.8	2412.9	651.5	.8	3935.1	1062.5	.8	5827.7	1573.5
.9	2439.7	658.7	.9	3969.3	1071.7	.9	5869.3	1584.7
18.0	2466.7	666.0	23.0	4003.7	1081.0	28.0	5911.1	1596.0
.1	2493.8	673.3	.1	4038.2	1090.3	.1	5953.0	1607.3
.2	2521.0	680.7	.2	4072.9	1099.7	.2	5995.1	1618.7
.3	2548.4	688.1	.3	4107.7	1109.1	.3	6037.3	1630.1
.4	2576.0	695.5	.4	4142.7	1118.5	.4	6079.7	1641.5
.5	2603.7	703.0	.5	4177.8	1128.0	.5	6122.2	1653.0
.6	2631.6	710.5	.6	4213.0	1137.5	.6	6164.9	1664.5
.7	2659.6	718.1	.7	4248.4	1147.1	.7	6207.7	1676.1
.8	2687.7	725.7	.8	4284.0	1156.7	.8	6250.7	1687.7
.9	2716.0	733.3	.9	4319.7	1166.3	.9	6293.8	1699.3
19.0	2744.4	741.0	24.0	4355.6	1176.0	29.0	6337.0	1711.0
.1	2773.0	748.7	.1	4391.6	1185.7	.1	6380.4	1722.7
.2	2801.8	756.5	.2	4427.7	1195.5	.2	6424.0	1734.5
.3	2830.7	764.3	.3	4464.0	1205.3	.3	6467.7	1746.3
.4	2859.7	772.1	.4	4500.4	1215.1	.4	6511.6	1758.1
.5	2888.9	780.0	.5	4537.0	1225.0	.5	6555.6	1770.0
.6	2918.2	787.9	.6	4573.8	1234.9	.6	6599.7	1781.9
.7	2947.7	795.9	.7	4610.7	1244.9	.7	6644.0	1793.9
.8	2977.3	803.9	.8	4647.7	1254.9	.8	6688.4	1805.9
.9	3007.1	811.9	.9	4684.9	1264.9	.9	6733.0	1817.9
20.0	3037.0	820.0	25.0	4722.2	1275.0	30.0	6777.8	1830.0

TABLE III Side Slopes 2 : 1
Crown 2 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	0.81	0.220	5.1	230.4	62.2	10.1	830.4	224.2
.2	1.78	0.480	.2	238.8	64.5	.2	846.2	228.5
.3	2.89	0.780	.3	247.3	66.8	.3	862.1	232.8
.4	4.15	1.12	.4	256.0	69.1	.4	878.2	237.1
.5	5.56	1.50	.5	264.8	71.5	.5	894.4	241.5
.6	7.1	1.92	.6	273.8	73.9	.6	910.8	245.9
.7	8.8	2.38	.7	282.9	76.4	.7	927.3	250.4
.8	10.7	2.88	.8	292.1	78.9	.8	944.0	254.9
.9	12.7	3.42	.9	301.6	81.4	.9	960.8	259.4
1.0	14.8	4.00	6.0	311.1	84.0	11.0	977.8	264.0
.1	17.1	4.62	.1	320.8	86.6	.1	994.9	268.6
.2	19.6	5.28	.2	330.7	89.3	.2	1012.1	273.3
.3	22.1	6.0	.3	340.7	92.0	.3	1029.6	278.0
.4	24.9	6.7	.4	350.8	94.7	.4	1047.1	282.7
.5	27.8	7.5	.5	361.1	97.5	.5	1064.8	287.5
.6	30.8	8.3	.6	371.6	100.3	.6	1082.7	292.3
.7	34.0	9.2	.7	382.1	103.2	.7	1100.7	297.2
.8	37.3	10.1	.8	392.9	106.1	.8	1118.8	302.1
.9	40.8	11.0	.9	403.8	109.0	.9	1137.1	307.0
2.0	44.4	12.0	7.0	414.8	112.0	12.0	1155.6	312.0
.1	48.2	13.0	.1	426.0	115.0	.1	1174.1	317.0
.2	52.1	14.1	.2	437.3	118.1	.2	1192.9	322.1
.3	56.2	15.2	.3	448.8	121.2	.3	1211.8	327.2
.4	60.4	16.3	.4	460.4	124.3	.4	1230.8	332.3
.5	64.8	17.5	.5	472.2	127.5	.5	1250.0	337.5
.6	69.3	18.7	.6	484.1	130.7	.6	1269.3	342.7
.7	74.0	20.0	.7	496.2	134.0	.7	1288.8	348.0
.8	78.8	21.3	.8	508.4	137.3	.8	1308.4	353.3
.9	83.8	22.6	.9	520.8	140.6	.9	1328.2	358.6
3.0	88.9	24.0	8.0	533.3	144.0	13.0	1348.1	364.0
.1	94.1	25.4	.1	546.0	147.4	.1	1368.2	369.4
.2	99.6	26.9	.2	558.8	150.9	.2	1388.4	374.9
.3	105.1	28.4	.3	571.8	154.4	.3	1408.8	380.4
.4	110.8	29.9	.4	584.9	157.9	.4	1429.3	385.9
.5	116.7	31.5	.5	598.1	161.5	.5	1450.0	391.5
.6	122.7	33.1	.6	611.6	165.1	.6	1470.8	397.1
.7	128.8	34.8	.7	625.1	168.8	.7	1491.8	402.8
.8	135.1	36.5	.8	638.8	172.5	.8	1512.9	408.5
.9	141.6	38.2	.9	652.7	176.2	.9	1534.1	414.2
4.0	148.1	40.0	9.0	666.7	180.0	14.0	1555.6	420.0
.1	154.9	41.8	.1	680.8	183.8	.1	1577.1	425.8
.2	161.8	43.7	.2	695.1	187.7	.2	1598.8	431.7
.3	168.8	45.6	.3	709.6	191.6	.3	1620.7	437.6
.4	176.0	47.5	.4	724.1	195.5	.4	1642.7	443.5
.5	183.3	49.5	.5	738.9	199.5	.5	1664.8	449.5
.6	190.8	51.5	.6	753.8	203.5	.6	1687.1	455.5
.7	198.4	53.6	.7	768.8	207.6	.7	1709.6	461.6
.8	206.2	55.7	.8	784.0	211.7	.8	1732.1	467.7
.9	214.1	57.8	.9	799.3	215.8	.9	1754.9	473.8
5.0	222.2	60.0	10.0	814.8	220.0	15.0	1777.8	480.0

TABLE III Side Slopes 2 : 1
Crown 2 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1800.8	486.2	20.1	3141.6	848.2	25.1	4852.7	1310.2
.2	1824.0	492.5	.2	3172.1	856.5	.2	4890.7	1320.5
.3	1847.3	498.8	.3	3202.9	864.8	.3	4928.8	1330.8
.4	1870.8	505.1	.4	3233.8	873.1	.4	4967.1	1341.1
.5	1894.4	511.5	.5	3264.8	881.5	.5	5005.6	1351.5
.6	1918.2	517.9	.6	3296.0	889.9	.6	5044.1	1361.9
.7	1942.1	524.4	.7	3327.3	898.4	.7	5082.9	1372.4
.8	1966.2	530.9	.8	3358.8	906.9	.8	5121.8	1382.9
.9	1990.4	537.4	.9	3390.4	915.4	.9	5160.8	1393.4
16.0	2014.8	544.0	21.0	3422.2	924.0	26.0	5200.0	1404.0
.1	2039.3	550.6	.1	3454.1	932.6	.1	5239.3	1414.6
.2	2064.0	557.3	.2	3486.2	941.3	.2	5278.8	1425.3
.3	2088.8	564.0	.3	3518.4	950.0	.3	5318.4	1436.0
.4	2113.8	570.7	.4	3550.8	958.7	.4	5358.2	1446.7
.5	2138.9	577.5	.5	3583.3	967.5	.5	5398.1	1457.5
.6	2164.1	584.3	.6	3616.0	976.3	.6	5438.2	1468.3
.7	2189.6	591.2	.7	3648.8	985.2	.7	5478.4	1479.2
.8	2215.1	598.1	.8	3681.8	994.1	.8	5518.8	1490.1
.9	2240.8	605.0	.9	3714.9	1003.0	.9	5559.3	1501.0
17.0	2266.7	612.0	22.0	3748.1	1012.0	27.0	5600.0	1512.0
.1	2292.7	619.0	.1	3781.6	1021.0	.1	5640.8	1523.0
.2	2318.8	626.1	.2	3815.1	1030.1	.2	5681.8	1534.1
.3	2345.1	633.2	.3	3848.8	1039.2	.3	5722.9	1545.2
.4	2371.6	640.3	.4	3882.7	1048.3	.4	5764.1	1556.3
.5	2398.1	647.5	.5	3916.7	1057.5	.5	5805.6	1567.5
.6	2424.9	654.7	.6	3950.8	1066.7	.6	5847.1	1578.7
.7	2451.8	662.0	.7	3985.1	1076.0	.7	5888.8	1590.0
.8	2478.8	669.3	.8	4019.6	1085.3	.8	5930.7	1601.3
.9	2506.0	676.6	.9	4054.1	1094.6	.9	5972.7	1612.6
18.0	2533.3	684.0	23.0	4088.9	1104.0	28.0	6014.8	1624.0
.1	2560.8	691.4	.1	4123.8	1113.4	.1	6057.1	1635.4
.2	2588.4	698.9	.2	4158.8	1122.9	.2	6099.6	1646.9
.3	2616.2	706.4	.3	4194.0	1132.4	.3	6142.1	1658.4
.4	2644.1	713.9	.4	4229.3	1141.9	.4	6184.9	1669.9
.5	2672.2	721.5	.5	4264.8	1151.5	.5	6227.8	1681.5
.6	2700.4	729.1	.6	4300.4	1161.1	.6	6270.8	1693.1
.7	2728.8	736.8	.7	4336.2	1170.8	.7	6314.0	1704.8
.8	2757.3	744.5	.8	4372.1	1180.5	.8	6357.3	1716.5
.9	2786.0	752.2	.9	4408.2	1190.2	.9	6400.8	1728.2
19.0	2814.8	760.0	24.0	4444.4	1200.0	29.0	6444.4	1740.0
.1	2843.8	767.8	.1	4480.8	1209.8	.1	6488.2	1751.8
.2	2872.9	775.7	.2	4517.3	1219.7	.2	6532.1	1763.7
.3	2902.1	783.6	.3	4554.0	1229.6	.3	6576.2	1775.6
.4	2931.6	791.5	.4	4590.8	1239.5	.4	6620.4	1787.5
.5	2961.1	799.5	.5	4627.8	1249.5	.5	6664.8	1799.5
.6	2990.8	807.5	.6	4664.9	1259.5	.6	6709.3	1811.5
.7	3020.7	815.6	.7	4702.1	1269.6	.7	6754.0	1823.6
.8	3050.7	823.7	.8	4739.6	1279.7	.8	6798.8	1835.7
.9	3080.8	831.8	.9	4777.1	1289.8	.9	6843.8	1847.8
20.0	3111.1	840.0	25.0	4814.8	1300.0	30.0	6888.9	1860.0

TABLE III Side Slopes 2 : 1
Crown 3 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.19	0.320	5.1	249.3	67.3	10.1	867.9	234.3
.2	2.52	0.680	.2	258.1	69.7	.2	884.0	238.7
.3	4.00	1.08	.3	267.0	72.1	.3	900.3	243.1
.4	5.63	1.52	.4	276.0	74.5	.4	916.7	247.5
.5	7.4	2.00	.5	285.2	77.0	.5	933.3	252.0
.6	9.3	2.52	.6	294.5	79.5	.6	950.1	256.5
.7	11.4	3.08	.7	304.0	82.1	.7	967.0	261.1
.8	13.6	3.68	.8	313.6	84.7	.8	984.0	265.7
.9	16.0	4.32	.9	323.4	87.3	.9	1001.2	270.3
1.0	18.5	5.00	6.0	333.3	90.0	11.0	1018.5	275.0
.1	21.2	5.72	.1	343.4	92.7	.1	1036.0	279.7
.2	24.0	6.5	.2	353.6	95.5	.2	1053.6	284.5
.3	27.0	7.3	.3	364.0	98.3	.3	1071.4	289.3
.4	30.1	8.1	.4	374.5	101.1	.4	1089.3	294.1
.5	33.3	9.0	.5	385.2	104.0	.5	1107.4	299.0
.6	36.7	9.9	.6	396.0	106.9	.6	1125.6	303.9
.7	40.3	10.9	.7	407.0	109.9	.7	1144.0	308.9
.8	44.0	11.9	.8	418.1	112.9	.8	1162.5	313.9
.9	47.9	12.9	.9	429.3	115.9	.9	1181.2	318.9
2.0	51.9	14.0	7.0	440.7	119.0	12.0	1200.0	324.0
.1	56.0	15.1	.1	452.3	122.1	.1	1219.0	329.1
.2	60.3	16.3	.2	464.0	125.3	.2	1238.1	334.3
.3	64.7	17.5	.3	475.9	128.5	.3	1257.3	339.5
.4	69.3	18.7	.4	487.9	131.7	.4	1276.7	344.7
.5	74.1	20.0	.5	500.0	135.0	.5	1296.3	350.0
.6	79.0	21.3	.6	512.3	138.3	.6	1316.0	355.3
.7	84.0	22.7	.7	524.7	141.7	.7	1335.9	360.7
.8	89.2	24.1	.8	537.3	145.1	.8	1355.9	366.1
.9	94.5	25.5	.9	550.1	148.5	.9	1376.0	371.5
3.0	100.0	27.0	8.0	563.0	152.0	13.0	1396.3	377.0
.1	105.6	28.5	.1	576.0	155.5	.1	1416.7	382.5
.2	111.4	30.1	.2	589.2	159.1	.2	1437.3	388.1
.3	117.3	31.7	.3	602.5	162.7	.3	1458.1	393.7
.4	123.4	33.3	.4	616.0	166.3	.4	1479.0	399.3
.5	129.6	35.0	.5	629.6	170.0	.5	1500.0	405.0
.6	136.0	36.7	.6	643.4	173.7	.6	1521.2	410.7
.7	142.5	38.5	.7	657.3	177.5	.7	1542.5	416.5
.8	149.2	40.3	.8	671.4	181.3	.8	1564.0	422.3
.9	156.0	42.1	.9	685.6	185.1	.9	1585.6	428.1
4.0	163.0	44.0	9.0	700.0	189.0	14.0	1607.4	434.0
.1	170.1	45.9	.1	714.5	192.9	.1	1629.3	439.9
.2	177.3	47.9	.2	729.2	196.9	.2	1651.4	445.9
.3	184.7	49.9	.3	744.0	200.9	.3	1673.6	451.9
.4	192.3	51.9	.4	759.0	204.9	.4	1696.0	457.9
.5	200.0	54.0	.5	774.1	209.0	.5	1718.5	464.0
.6	207.9	56.1	.6	789.3	213.1	.6	1741.2	470.1
.7	215.9	58.3	.7	804.7	217.3	.7	1764.0	476.3
.8	224.0	60.5	.8	820.3	221.5	.8	1787.0	482.5
.9	232.3	62.7	.9	836.0	225.7	.9	1810.1	488.7
5.0	240.7	65.0	10.0	851.9	230.0	15.0	1833.3	495.0

TABLE III Side Slopes 2 : 1
Crown 3 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1856.7	501.3	20.1	3216.0	868.3	25.1	4945.6	1335.3
.2	1880.3	507.7	.2	3247.0	876.7	.2	4984.0	1345.7
.3	1904.0	514.1	.3	3278.1	885.1	.3	5022.5	1356.1
.4	1927.9	520.5	.4	3309.3	893.5	.4	5061.2	1366.5
.5	1951.9	527.0	.5	3340.7	902.0	.5	5100.0	1377.0
.6	1976.0	533.5	.6	3372.3	910.5	.6	5139.0	1387.5
.7	2000.3	540.1	.7	3404.0	919.1	.7	5178.1	1398.1
.8	2024.7	546.7	.8	3435.9	927.7	.8	5217.3	1408.7
.9	2049.3	553.3	.9	3467.9	936.3	.9	5256.7	1419.3
16.0	2074.1	560.0	21.0	3500.0	945.0	26.0	5296.3	1430.0
.1	2099.0	566.7	.1	3532.3	953.7	.1	5336.0	1440.7
.2	2124.0	573.5	.2	3564.7	962.5	.2	5375.9	1451.5
.3	2149.2	580.3	.3	3597.3	971.3	.3	5415.9	1462.3
.4	2174.5	587.1	.4	3630.1	980.1	.4	5456.0	1473.1
.5	2200.0	594.0	.5	3663.0	989.0	.5	5496.3	1484.0
.6	2225.6	600.9	.6	3696.0	997.9	.6	5536.7	1494.9
.7	2251.4	607.9	.7	3729.2	1006.9	.7	5577.3	1505.9
.8	2277.3	614.9	.8	3762.5	1015.9	.8	5618.1	1516.9
.9	2303.4	621.9	.9	3796.0	1024.9	.9	5659.0	1527.9
17.0	2329.6	629.0	22.0	3829.6	1034.0	27.0	5700.0	1539.0
.1	2356.0	636.1	.1	3863.4	1043.1	.1	5741.2	1550.1
.2	2382.5	643.3	.2	3897.3	1052.3	.2	5782.5	1561.3
.3	2409.2	650.5	.3	3931.4	1061.5	.3	5824.0	1572.5
.4	2436.0	657.7	.4	3965.6	1070.7	.4	5865.6	1583.7
.5	2463.0	665.0	.5	4000.0	1080.0	.5	5907.4	1595.0
.6	2490.1	672.3	.6	4034.5	1089.3	.6	5949.3	1606.3
.7	2517.3	679.7	.7	4069.2	1098.7	.7	5991.4	1617.7
.8	2544.7	687.1	.8	4104.0	1108.1	.8	6033.6	1629.1
.9	2572.3	694.5	.9	4139.0	1117.5	.9	6076.0	1640.5
18.0	2600.0	702.0	23.0	4174.1	1127.0	28.0	6118.5	1652.0
.1	2627.9	709.5	.1	4209.3	1136.5	.1	6161.2	1663.5
.2	2655.9	717.1	.2	4244.7	1146.1	.2	6204.0	1675.1
.3	2684.0	724.7	.3	4280.3	1155.7	.3	6247.0	1686.7
.4	2712.3	732.3	.4	4316.0	1165.3	.4	6290.1	1698.3
.5	2740.7	740.0	.5	4351.9	1175.0	.5	6333.3	1710.0
.6	2769.3	747.7	.6	4387.9	1184.7	.6	6376.7	1721.7
.7	2798.1	755.5	.7	4424.0	1194.5	.7	6420.3	1733.5
.8	2827.0	763.3	.8	4460.3	1204.3	.8	6464.0	1745.3
.9	2856.0	771.1	.9	4496.7	1214.1	.9	6507.9	1757.1
19.0	2885.2	779.0	24.0	4533.3	1224.0	29.0	6551.9	1769.0
.1	2914.5	786.9	.1	4570.1	1233.9	.1	6596.0	1780.9
.2	2944.0	794.9	.2	4607.0	1243.9	.2	6640.3	1792.9
.3	2973.6	802.9	.3	4644.0	1253.9	.3	6684.7	1804.9
.4	3003.4	810.9	.4	4681.2	1263.9	.4	6729.3	1816.9
.5	3033.3	819.0	.5	4718.5	1274.0	.5	6774.1	1829.0
.6	3063.4	827.1	.6	4756.0	1284.1	.6	6819.0	1841.1
.7	3093.6	835.3	.7	4793.6	1294.3	.7	6864.0	1853.3
.8	3124.0	843.5	.8	4831.4	1304.5	.8	6909.2	1865.5
.9	3154.5	851.7	.9	4869.3	1314.7	.9	6954.5	1877.7
20.0	3185.2	860.0	25.0	4907.4	1325.0	30.0	7000.0	1890.0

TABLE III Side Slopes 2 : 1
Crown 4 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.56	0.420	5.1	268.2	72.4	10.1	905.3	244.4
.2	3.26	0.880	.2	277.3	74.9	.2	921.8	248.9
.3	5.11	1.38	.3	286.6	77.4	.3	938.4	253.4
.4	7.1	1.92	.4	296.0	79.9	.4	955.3	257.9
.5	9.3	2.50	.5	305.6	82.5	.5	972.2	262.5
.6	11.6	3.12	.6	315.3	85.1	.6	989.3	267.1
.7	14.0	3.78	.7	325.1	87.8	.7	1006.6	271.8
.8	16.6	4.48	.8	335.1	90.5	.8	1024.0	276.5
.9	19.3	5.22	.9	345.3	93.2	.9	1041.6	281.2
1.0	22.2	6.0	6.0	355.6	96.0	11.0	1059.3	286.0
.1	25.3	6.8	.1	366.0	98.8	.1	1077.1	290.8
.2	28.4	7.7	.2	376.6	101.7	.2	1095.1	295.7
.3	31.8	8.6	.3	387.3	104.6	.3	1113.3	300.6
.4	35.3	9.5	.4	398.2	107.5	.4	1131.6	305.5
.5	38.9	10.5	.5	409.3	110.5	.5	1150.0	310.5
.6	42.7	11.5	.6	420.4	113.5	.6	1168.6	315.5
.7	46.6	12.6	.7	431.8	116.6	.7	1187.3	320.6
.8	50.7	13.7	.8	443.3	119.7	.8	1206.2	325.7
.9	54.9	14.8	.9	454.9	122.8	.9	1225.3	330.8
2.0	59.3	16.0	7.0	466.7	126.0	12.0	1244.4	336.0
.1	63.8	17.2	.1	478.6	129.2	.1	1263.8	341.2
.2	68.4	18.5	.2	490.7	132.5	.2	1283.3	346.5
.3	73.3	19.8	.3	502.9	135.8	.3	1302.9	351.8
.4	78.2	21.1	.4	515.3	139.1	.4	1322.7	357.1
.5	83.3	22.5	.5	527.8	142.5	.5	1342.6	362.5
.6	88.6	23.9	.6	540.4	145.9	.6	1362.7	367.9
.7	94.0	25.4	.7	553.3	149.4	.7	1382.9	373.4
.8	99.6	26.9	.8	566.2	152.9	.8	1403.3	378.9
.9	105.3	28.4	.9	579.3	156.4	.9	1423.8	384.4
3.0	111.1	30.0	8.0	592.6	160.0	13.0	1444.4	390.0
.1	117.1	31.6	.1	606.0	163.6	.1	1465.3	395.6
.2	123.3	33.3	.2	619.6	167.3	.2	1486.2	401.3
.3	129.6	35.0	.3	633.3	171.0	.3	1507.3	407.0
.4	136.0	36.7	.4	647.1	174.7	.4	1528.6	412.7
.5	142.6	38.5	.5	661.1	178.5	.5	1550.0	418.5
.6	149.3	40.3	.6	675.3	182.3	.6	1571.6	424.3
.7	156.2	42.2	.7	689.6	186.2	.7	1593.3	430.2
.8	163.3	44.1	.8	704.0	190.1	.8	1615.1	436.1
.9	170.4	46.0	.9	718.6	194.0	.9	1637.1	442.0
4.0	177.8	48.0	9.0	733.3	198.0	14.0	1659.3	448.0
.1	185.3	50.0	.1	748.2	202.0	.1	1681.6	454.0
.2	192.9	52.1	.2	763.3	206.1	.2	1704.0	460.1
.3	200.7	54.2	.3	778.4	210.2	.3	1726.6	466.2
.4	208.6	56.3	.4	793.8	214.3	.4	1749.3	472.3
.5	216.7	58.5	.5	809.3	218.5	.5	1772.2	478.5
.6	224.9	60.7	.6	824.9	222.7	.6	1795.3	484.7
.7	233.3	63.0	.7	840.7	227.0	.7	1818.4	491.0
.8	241.8	65.3	.8	856.6	231.3	.8	1841.8	497.3
.9	250.4	67.6	.9	872.7	235.6	.9	1865.3	503.6
5.0	259.3	70.0	10.0	888.9	240.0	15.0	1888.9	510.0

TABLE III Side Slopes 2 : 1
Crown 4 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1912.7	516.4	20.1	3290.4	888.4	25.1	5038.6	1360.4
.2	1936.6	522.9	.2	3321.8	896.9	.2	5077.3	1370.9
.3	1960.7	529.4	.3	3353.3	905.4	.3	5116.2	1381.4
.4	1984.9	535.9	.4	3384.9	913.9	.4	5155.3	1391.9
.5	2009.3	542.5	.5	3416.7	922.5	.5	5194.4	1402.5
.6	2033.8	549.1	.6	3448.6	931.1	.6	5233.8	1413.1
.7	2058.4	555.8	.7	3480.7	939.8	.7	5273.3	1423.8
.8	2083.3	562.5	.8	3512.9	948.5	.8	5312.9	1434.5
.9	2108.2	569.2	.9	3545.3	957.2	.9	5352.7	1445.2
16.0	2133.3	576.0	21.0	3577.8	966.0	26.0	5392.6	1456.0
.1	2158.6	582.8	.1	3610.4	974.8	.1	5432.7	1466.8
.2	2184.0	589.7	.2	3643.3	983.7	.2	5472.9	1477.7
.3	2209.6	596.6	.3	3676.2	992.6	.3	5513.3	1488.6
.4	2235.3	603.5	.4	3709.3	1001.5	.4	5553.8	1499.5
.5	2261.1	610.5	.5	3742.6	1010.5	.5	5594.4	1510.5
.6	2287.1	617.5	.6	3776.0	1019.5	.6	5635.3	1521.5
.7	2313.3	624.6	.7	3809.6	1028.6	.7	5676.2	1532.6
.8	2339.6	631.7	.8	3843.3	1037.7	.8	5717.3	1543.7
.9	2366.0	638.8	.9	3877.1	1046.8	.9	5758.6	1554.8
17.0	2392.6	646.0	22.0	3911.1	1056.0	27.0	5800.0	1566.0
.1	2419.3	653.2	.1	3945.3	1065.2	.1	5841.6	1577.2
.2	2446.2	660.5	.2	3979.6	1074.5	.2	5883.3	1588.5
.3	2473.3	667.8	.3	4014.0	1083.8	.3	5925.1	1599.8
.4	2500.4	675.1	.4	4048.6	1093.1	.4	5967.1	1611.1
.5	2527.8	682.5	.5	4083.3	1102.5	.5	6009.3	1622.5
.6	2555.3	689.9	.6	4118.2	1111.9	.6	6051.6	1633.9
.7	2582.9	697.4	.7	4153.3	1121.4	.7	6094.0	1645.4
.8	2610.7	704.9	.8	4188.4	1130.9	.8	6136.6	1656.9
.9	2638.6	712.4	.9	4223.8	1140.4	.9	6179.3	1668.4
18.0	2666.7	720.0	23.0	4259.3	1150.0	28.0	6222.2	1680.0
.1	2694.9	727.6	.1	4294.9	1159.6	.1	6265.3	1691.6
.2	2723.3	735.3	.2	4330.7	1169.3	.2	6308.4	1703.3
.3	2751.8	743.0	.3	4366.6	1179.0	.3	6351.8	1715.0
.4	2780.4	750.7	.4	4402.7	1188.7	.4	6395.3	1726.7
.5	2809.3	758.5	.5	4438.9	1198.5	.5	6438.9	1738.5
.6	2838.2	766.3	.6	4475.3	1208.3	.6	6482.7	1750.3
.7	2867.3	774.2	.7	4511.8	1218.2	.7	6526.6	1762.2
.8	2896.6	782.1	.8	4548.4	1228.1	.8	6570.7	1774.1
.9	2926.0	790.0	.9	4585.3	1238.0	.9	6614.9	1786.0
19.0	2955.6	798.0	24.0	4622.2	1248.0	29.0	6659.3	1798.0
.1	2985.3	806.0	.1	4659.3	1258.0	.1	6703.8	1810.0
.2	3015.1	814.1	.2	4696.6	1268.1	.2	6748.4	1822.1
.3	3045.1	822.2	.3	4734.0	1278.2	.3	6793.3	1834.2
.4	3075.3	830.3	.4	4771.6	1288.3	.4	6838.2	1846.3
.5	3105.6	838.5	.5	4809.3	1298.5	.5	6883.3	1858.5
.6	3136.0	846.7	.6	4847.1	1308.7	.6	6928.6	1870.7
.7	3166.6	855.0	.7	4885.1	1319.0	.7	6974.0	1883.0
.8	3197.3	863.3	.8	4923.3	1329.3	.8	7019.6	1895.3
.9	3228.2	871.6	.9	4961.6	1339.6	.9	7065.3	1907.6
20.0	3259.3	880.0	25.0	5000.0	1350.0	30.0	7111.1	1920.0

TABLE III Side Slopes 2 : 1
Crown 5 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.93	0.52	5.1	287.1	77.5	10.1	942.7	254.5
.2	4.00	1.08	.2	296.6	80.1	.2	959.6	259.1
.3	6.22	1.68	.3	306.2	82.7	.3	976.6	263.7
.4	8.6	2.32	.4	316.0	85.3	.4	993.8	268.3
.5	11.1	3.00	.5	325.9	88.0	.5	1011.1	273.0
.6	13.8	3.72	.6	336.0	90.7	.6	1028.6	277.7
.7	16.6	4.48	.7	346.2	93.5	.7	1046.2	282.5
.8	19.6	5.28	.8	356.6	96.3	.8	1064.0	287.3
.9	22.7	6.1	.9	367.1	99.1	.9	1081.9	292.1
1.0	25.9	7.0	6.0	377.8	102.0	11.0	1100.0	297.0
.1	29.3	7.9	.1	388.6	104.9	.1	1118.2	301.9
.2	32.9	8.9	.2	399.6	107.9	.2	1136.6	306.9
.3	36.6	9.9	.3	410.7	110.9	.3	1155.1	311.9
.4	40.4	10.9	.4	421.9	113.9	.4	1173.8	316.9
.5	44.4	12.0	.5	433.3	117.0	.5	1192.6	322.0
.6	48.6	13.1	.6	444.9	120.1	.6	1211.6	327.1
.7	52.9	14.3	.7	456.6	123.3	.7	1230.7	332.3
.8	57.3	15.5	.8	468.4	126.5	.8	1249.9	337.5
.9	61.9	16.7	.9	480.4	129.7	.9	1269.3	342.7
2.0	66.7	18.0	7.0	492.6	133.0	12.0	1288.9	348.0
.1	71.6	19.3	.1	504.9	136.3	.1	1308.6	353.3
.2	76.6	20.7	.2	517.3	139.7	.2	1328.4	358.7
.3	81.8	22.1	.3	529.9	143.1	.3	1348.4	364.1
.4	87.1	23.5	.4	542.7	146.5	.4	1368.6	369.5
.5	92.6	25.0	.5	555.6	150.0	.5	1388.9	375.0
.6	98.2	26.5	.6	568.6	153.5	.6	1409.3	380.5
.7	104.0	28.1	.7	581.8	157.1	.7	1429.9	386.1
.8	109.9	29.7	.8	595.1	160.7	.8	1450.7	391.7
.9	116.0	31.3	.9	608.6	164.3	.9	1471.6	397.3
3.0	122.2	33.0	8.0	622.2	168.0	13.0	1492.6	403.0
.1	128.6	34.7	.1	636.0	171.7	.1	1513.8	408.7
.2	135.1	36.5	.2	649.9	175.5	.2	1535.1	414.5
.3	141.8	38.3	.3	664.0	179.3	.3	1556.6	420.3
.4	148.6	40.1	.4	678.2	183.1	.4	1578.2	426.1
.5	155.6	42.0	.5	692.6	187.0	.5	1600.0	432.0
.6	162.7	43.9	.6	707.1	190.9	.6	1621.9	437.9
.7	169.9	45.9	.7	721.8	194.9	.7	1644.0	443.9
.8	177.3	47.9	.8	736.6	198.9	.8	1666.2	449.9
.9	184.9	49.9	.9	751.6	202.9	.9	1688.6	455.9
4.0	192.6	52.0	9.0	766.7	207.0	14.0	1711.1	462.0
.1	200.4	54.1	.1	781.9	211.1	.1	1733.8	468.1
.2	208.4	56.3	.2	797.3	215.3	.2	1756.6	474.3
.3	216.6	58.5	.3	812.9	219.5	.3	1779.6	480.5
.4	224.9	60.7	.4	828.6	223.7	.4	1802.7	486.7
.5	233.3	63.0	.5	844.4	228.0	.5	1825.9	493.0
.6	241.9	65.3	.6	860.4	232.3	.6	1849.3	499.3
.7	250.7	67.7	.7	876.6	236.7	.7	1872.9	505.7
.8	259.6	70.1	.8	892.9	241.1	.8	1896.6	512.1
.9	268.6	72.5	.9	909.3	245.5	.9	1920.4	518.5
5.0	277.8	75.0	10.0	925.9	250.0	15.0	1944.4	525.0

TABLE III Side Slopes 2 : 1
Crown 5 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1968.6	531.5	20.1	3364.9	908.5	25.1	5131.6	1385.5
.2	1992.9	538.1	.2	3396.6	917.1	.2	5170.7	1396.1
.3	2017.3	544.7	.3	3428.4	925.7	.3	5209.9	1406.7
.4	2041.9	551.3	.4	3460.4	934.3	.4	5249.3	1417.3
.5	2066.7	558.0	.5	3492.6	943.0	.5	5288.9	1428.0
.6	2091.6	564.7	.6	3524.9	951.7	.6	5328.6	1438.7
.7	2116.6	571.5	.7	3557.3	960.5	.7	5368.4	1449.5
.8	2141.8	578.3	.8	3589.9	969.3	.8	5408.4	1460.3
.9	2167.1	585.1	.9	3622.7	978.1	.9	5448.6	1471.1
16.0	2192.6	592.0	21.0	3655.6	987.0	26.0	5488.9	1482.0
.1	2218.2	598.9	.1	3688.6	995.9	.1	5529.3	1492.9
.2	2244.0	605.9	.2	3721.8	1004.9	.2	5569.9	1503.9
.3	2269.9	612.9	.3	3755.1	1013.9	.3	5610.7	1514.9
.4	2296.0	619.9	.4	3788.6	1022.9	.4	5651.6	1525.9
.5	2322.2	627.0	.5	3822.2	1032.0	.5	5692.6	1537.0
.6	2348.6	634.1	.6	3856.0	1041.1	.6	5733.8	1548.1
.7	2375.1	641.3	.7	3889.9	1050.3	.7	5775.1	1559.3
.8	2401.8	648.5	.8	3924.0	1059.5	.8	5816.6	1570.5
.9	2428.6	655.7	.9	3958.2	1068.7	.9	5858.2	1581.7
17.0	2455.6	663.0	22.0	3992.6	1078.0	27.0	5900.0	1593.0
.1	2482.7	670.3	.1	4027.1	1087.3	.1	5941.9	1604.3
.2	2509.9	677.7	.2	4061.8	1096.7	.2	5984.0	1615.7
.3	2537.3	685.1	.3	4096.6	1106.1	.3	6026.2	1627.1
.4	2564.9	692.5	.4	4131.6	1115.5	.4	6068.6	1638.5
.5	2592.6	700.0	.5	4166.7	1125.0	.5	6111.1	1650.0
.6	2620.4	707.5	.6	4201.9	1134.5	.6	6153.8	1661.5
.7	2648.4	715.1	.7	4237.3	1144 1	.7	6196.6	1673.1
.8	2676.6	722.7	.8	4272.9	1153.7	.8	6239.6	1684.7
.9	2704.9	730.3	.9	4308.6	1163.3	.9	6282.7	1696.3
18.0	2733.3	738.0	23.0	4344.4	1173.0	28.0	6325.9	1708.0
.1	2761.9	745.7	.1	4380.4	1182.7	.1	6369.3	1719.7
.2	2790.7	753.5	.2	4416.6	1192.5	.2	6412.9	1731.5
.3	2819.6	761.3	.3	4452.9	1202.3	.3	6456.6	1743.3
.4	2848.6	769.1	.4	4489.3	1212.1	.4	6500.4	1755.1
.5	2877.8	777.0	.5	4525.9	1222.0	.5	6544.4	1767.0
.6	2907.1	784.9	.6	4562.7	1231.9	.6	6588.6	1778.9
.7	2936.6	792.9	.7	4599.6	1241.9	.7	6632.9	1790.9
.8	2966.2	800.9	.8	4636.6	1251.9	.8	6677.3	1802.9
.9	2996.0	808.9	.9	4673.8	1261.9	.9	6721.9	1814.9
19.0	3025.9	817.0	24.0	4711.1	1272.0	29.0	6766.7	1827.0
.1	3056.0	825.1	.1	4748.6	1282.1	.1	6811.6	1839.1
.2	3086.2	833.3	.2	4786.2	1292.3	.2	6856.6	1851.3
.3	3116.6	841.5	.3	4824.0	1302.5	.3	6901.8	1863.5
.4	3147.1	849.7	.4	4861.9	1312.7	.4	6947.1	1875.7
.5	3177.8	858.0	.5	4900.0	1323.0	.5	6992.6	1888.0
.6	3208.6	866.3	.6	4938.2	1333.3	.6	7038.2	1900.3
.7	3239.6	874.7	.7	4976.6	1343.7	.7	7084.0	1912.7
.8	3270.7	883.1	.8	5015.1	1354.1	.8	7129.9	1925.1
.9	3301.9	891.5	.9	5053.8	1364.5	.9	7176.0	1937.5
20.0	3333.3	900.0	25.0	5092.6	1375.0	30.0	7222.2	1950.0

TABLE III Side Slopes 2 : 1
Crown 6 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	2.30	0.62	5.1	306.0	82.6	10.1	980.1	264.6
.2	4.74	1.28	.2	315.9	85.3	.2	997.3	269.3
.3	7.33	1.98	.3	325.9	88.0	.3	1014.7	274.0
.4	10.1	2.72	.4	336.0	90.7	.4	1032.3	278.7
.5	13.0	3.50	.5	346.3	93.5	.5	1050.0	283.5
.6	16.0	4.32	.6	356.7	96.3	.6	1067.9	288.3
.7	19.2	5.18	.7	367.3	99.2	.7	1085.9	293.2
.8	22.5	6.1	.8	378.1	102.1	.8	1104.0	298.1
.9	26.0	7.0	.9	389.0	105.0	.9	1122.3	303.0
1.0	29.6	8.0	6.0	400.0	108.0	11.0	1140.7	308.0
.1	33.4	9.0	.1	411.2	111.0	.1	1159.3	313.0
.2	37.3	10.1	.2	422.5	114.1	.2	1178.1	318.1
.3	41.4	11.2	.3	434.0	117.2	.3	1197.0	323.2
.4	45.6	12.3	.4	445.6	120.3	.4	1216.0	328.3
.5	50.0	13.5	.5	457.4	123.5	.5	1235.2	333.5
.6	54.5	14.7	.6	469.3	126.7	.6	1254.5	338.7
.7	59.2	16.0	.7	481.4	130.0	.7	1274.0	344.0
.8	64.0	17.3	.8	493.6	133.3	.8	1293.6	349.3
.9	69.0	18.6	.9	506.0	136.6	.9	1313.4	354.6
2.0	74.1	20.0	7.0	518.5	140.0	12.0	1333.3	360.0
.1	79.3	21.4	.1	531.2	143.4	.1	1353.4	365.4
.2	84.7	22.9	.2	544.0	146.9	.2	1373.6	370.9
.3	90.3	24.4	.3	557.0	150.4	.3	1394.0	376.4
.4	96.0	25.9	.4	570.1	153.9	.4	1414.5	381.9
.5	101.9	27.5	.5	583.3	157.5	.5	1435.2	387.5
.6	107.9	29.1	.6	596.7	161.1	.6	1456.0	393.1
.7	114.0	30.8	.7	610.3	164.8	.7	1477.0	398.8
.8	120.3	32.5	.8	624.0	168.5	.8	1498.1	404.5
.9	126.7	34.2	.9	637.9	172.2	.9	1519.3	410.2
3.0	133.3	36.0	8.0	651.9	176.0	13.0	1540.7	416.0
.1	140.1	37.8	.1	666.0	179.8	.1	1562.3	421.8
.2	147.0	39.7	.2	680.3	183.7	.2	1584.0	427.7
.3	154.0	41.6	.3	694.7	187.6	.3	1605.9	433.6
.4	161.2	43.5	.4	709.3	191.5	.4	1627.9	439.5
.5	168.5	45.5	.5	724.1	195.5	.5	1650.0	445.5
.6	176.0	47.5	.6	739.0	199.5	.6	1672.3	451.5
.7	183.6	49.6	.7	754.0	203.6	.7	1694.7	457.6
.8	191.4	51.7	.8	769.2	207.7	.8	1717.3	463.7
.9	199.3	53.8	.9	784.5	211.8	.9	1740.1	469.8
4.0	207.4	56.0	9.0	800.0	216.0	14.0	1763.0	476.0
.1	215.6	58.2	.1	815.6	220.2	.1	1786.0	482.2
.2	224.0	60.5	.2	831.4	224.5	.2	1809.2	488.5
.3	232.5	62.8	.3	847.3	228.8	.3	1832.5	494.8
.4	241.2	65.1	.4	863.4	233.1	.4	1856.0	501.1
.5	250.0	67.5	.5	879.6	237.5	.5	1879.6	507.5
.6	259.0	69.9	.6	896.0	241.9	.6	1903.4	513.9
.7	268.1	72.4	.7	912.5	246.4	.7	1927.3	520.4
.8	277.3	74.9	.8	929.2	250.9	.8	1951.4	526.9
.9	286.7	77.4	.9	946.0	255.4	.9	1975.6	533.4
5.0	296.3	80.0	10.0	963.0	260.0	15.0	2000.0	540.0

TABLE III Side Slopes 2 : 1
Crown 6 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2024.5	546.6	20.1	3439.3	928.6	25.1	5224.5	1410.6
.2	2049.2	553.3	.2	3471.4	937.3	.2	5264.0	1421.3
.3	2074.0	560.0	.3	3503.6	946.0	.3	5303.6	1432.0
.4	2099.0	566.7	.4	3536.0	954.7	.4	5343.4	1442.7
.5	2124.1	573.5	.5	3568.5	963.5	.5	5383.3	1453.5
.6	2149.3	580.3	.6	3601.2	972.3	.6	5423.4	1464.3
.7	2174.7	587.2	.7	3634.0	981.2	.7	5463.6	1475.2
.8	2200.3	594.1	.8	3667.0	990.1	.8	5504.0	1486.1
.9	2226.0	601.0	.9	3700.1	999.0	.9	5544.5	1497.0
16.0	2251.9	608.0	21.0	3733.3	1008.0	26.0	5585.2	1508.0
.1	2277.9	615.0	.1	3766.7	1017.0	.1	5626.0	1519.0
.2	2304.0	622.1	.2	3800.3	1026.1	.2	5667.0	1530.1
.3	2330.3	629.2	.3	3834.0	1035.2	.3	5708.1	1541.2
.4	2356.7	636.3	.4	3867.9	1044.3	.4	5749.3	1552.3
.5	2383.3	643.5	.5	3901.9	1053.5	.5	5790.7	1563.5
.6	2410.1	650.7	.6	3936.0	1062.7	.6	5832.3	1574.7
.7	2437.0	658.0	.7	3970.3	1072.0	.7	5874.0	1586.0
.8	2464.0	665.3	.8	4004.7	1081.3	.8	5915.9	1597.3
.9	2491.2	672.6	.9	4039.3	1090.6	.9	5957.9	1608.6
17.0	2518.5	680.0	22.0	4074.1	1100.0	27.0	6000.0	1620.0
.1	2546.0	687.4	.1	4109.0	1109.4	.1	6042.3	1631.4
.2	2573.6	694.9	.2	4144.0	1118.9	.2	6084.7	1642.9
.3	2601.4	702.4	.3	4179.2	1128.4	.3	6127.3	1654.4
.4	2629.3	709.9	.4	4214.5	1137.9	.4	6170.1	1665.9
.5	2657.4	717.5	.5	4250.0	1147.5	.5	6213.0	1677.5
.6	2685.6	725.1	.6	4285.6	1157.1	.6	6256.0	1689.1
.7	2714.0	732.8	.7	4321.4	1166.8	.7	6299.2	1700.8
.8	2742.5	740.5	.8	4357.3	1176.5	.8	6342.5	1712.5
.9	2771.2	748.2	.9	4393.4	1186.2	.9	6386.0	1724.2
18.0	2800.0	756.0	23.0	4429.6	1196.0	28.0	6429.6	1736.0
.1	2829.0	763.8	.1	4466.0	1205.8	.1	6473.4	1747.8
.2	2858.1	771.7	.2	4502.5	1215.7	.2	6517.3	1759.7
.3	2887.3	779.6	.3	4539.2	1225.6	.3	6561.4	1771.6
.4	2916.7	787.5	.4	4576.0	1235.5	.4	6605.6	1783.5
.5	2946.3	795.5	.5	4613.0	1245.5	.5	6650.0	1795.5
.6	2976.0	803.5	.6	4650.1	1255.5	.6	6694.5	1807.5
.7	3005.9	811.6	.7	4687.3	1265.6	.7	6739.2	1819.6
.8	3035.9	819.7	.8	4724.7	1275.7	.8	6784.0	1831.7
.9	3066.0	827.8	.9	4762.3	1285.8	.9	6829.0	1843.8
19.0	3096.3	836.0	24.0	4800.0	1296.0	29.0	6874.1	1856.0
.1	3126.7	844.2	.1	4837.9	1306.2	.1	6919.3	1868.2
.2	3157.3	852.5	.2	4875.9	1316.5	.2	6964.7	1880.5
.3	3188.1	860.8	.3	4914.0	1326.8	.3	7010.3	1892.8
.4	3219.0	869.1	.4	4952.3	1337.1	.4	7056.0	1905.1
.5	3250.0	877.5	.5	4990.7	1347.5	.5	7101.9	1917.5
.6	3281.2	885.9	.6	5029.3	1357.9	.6	7147.9	1929.9
.7	3312.5	894.4	.7	5068.1	1368.4	.7	7194.0	1942.4
.8	3344.0	902.9	.8	5107.0	1378.9	.8	7240.3	1954.9
.9	3375.6	911.4	.9	5146.0	1389.4	.9	7286.7	1967.4
20.0	3407.4	920.0	25.0	5185.2	1400.0	30.0	7333.3	1980.0

TABLE III Side Slopes 2 : 1
Crown 7 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	2.67	0.72	5.1	324.9	87.7	10.1	1017.5	274.7
.2	5.48	1.48	.2	335.1	90.5	.2	1035.1	279.5
.3	8.4	2.28	.3	345.5	93.3	.3	1052.9	284.3
.4	11.6	3.12	.4	356.0	96.1	.4	1070.8	289.1
.5	14.8	4.00	.5	366.7	99.0	.5	1088.9	294.0
.6	18.2	4.92	.6	377.5	101.9	.6	1107.1	298.9
.7	21.8	5.88	.7	388.4	104.9	.7	1125.5	303.9
.8	25.5	6.9	.8	399.6	107.9	.8	1144.0	308.9
.9	29.3	7.9	.9	410.8	110.9	.9	1162.7	313.9
1.0	33.3	9.0	6.0	422.2	114.0	11.0	1181.5	319.0
.1	37.5	10.1	.1	433.8	117.1	.1	1200.4	324.1
.2	41.8	11.3	.2	445.5	120.3	.2	1219.6	329.3
.3	46.2	12.5	.3	457.3	123.5	.3	1238.8	334.5
.4	50.8	13.7	.4	469.3	126.7	.4	1258.2	339.7
.5	55.6	15.0	.5	481.5	130.0	.5	1277.8	345.0
.6	60.4	16.3	.6	493.8	133.3	.6	1297.5	350.3
.7	65.5	17.7	.7	506.2	136.7	.7	1317.3	355.7
.8	70.7	19.1	.8	518.8	140.1	.8	1337.3	361.1
.9	76.0	20.5	.9	531.6	143.5	.9	1357.5	366.5
2.0	81.5	22.0	7.0	544.4	147.0	12.0	1377.8	372.0
.1	87.1	23.5	.1	557.5	150.5	.1	1398.2	377.5
.2	92.9	25.1	.2	570.7	154.1	.2	1418.8	383.1
.3	98.8	26.7	.3	584.0	157.7	.3	1439.6	388.7
.4	104.9	28.3	.4	597.5	161.3	.4	1460.4	394.3
.5	111.1	30.0	.5	611.1	165.0	.5	1481.5	400.0
.6	117.5	31.7	.6	624.9	168.7	.6	1502.7	405.7
.7	124.0	33.5	.7	638.8	172.5	.7	1524.0	411.5
.8	130.7	35.3	.8	652.9	176.3	.8	1545.5	417.3
.9	137.5	37.1	.9	667.1	180.1	.9	1567.1	423.1
3.0	144.4	39.0	8.0	681.5	184.0	13.0	1588.9	429.0
.1	151.6	40.9	.1	696.0	187.9	.1	1610.8	434.9
.2	158.8	42.9	.2	710.7	191.9	.2	1632.9	440.9
.3	166.2	44.9	.3	725.5	195.9	.3	1655.1	446.9
.4	173.8	46.9	.4	740.4	199.9	.4	1677.5	452.9
.5	181.5	49.0	.5	755.6	204.0	.5	1700.0	459.0
.6	189.3	51.1	.6	770.8	208.1	.6	1722.7	465.1
.7	197.3	53.3	.7	786.2	212.3	.7	1745.5	471.3
.8	205.5	55.5	.8	801.8	216.5	.8	1768.4	477.5
.9	213.8	57.7	.9	817.5	220.7	.9	1791.6	483.7
4.0	222.2	60.0	9.0	833.3	225.0	14.0	1814.8	490.0
.1	230.8	62.3	.1	849.3	229.3	.1	1838.2	496.3
.2	239.6	64.7	.2	865.5	233.7	.2	1861.8	502.7
.3	248.4	67.1	.3	881.8	238.1	.3	1885.5	509.1
.4	257.5	69.5	.4	898.2	242.5	.4	1909.3	515.5
.5	266.7	72.0	.5	914.8	247.0	.5	1933.3	522.0
.6	276.0	74.5	.6	931.6	251.5	.6	1957.5	528.5
.7	285.5	77.1	.7	948.4	256.1	.7	1981.8	535.1
.8	295.1	79.7	.8	965.5	260.7	.8	2006.2	541.7
.9	304.9	82.3	.9	982.7	265.3	.9	2030.8	548.3
5.0	314.8	85.0	10.0	1000.0	270.0	15.0	2055.6	555.0

TABLE III Side Slopes 2 : 1
Crown 7 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2080.4	561.7	20.1	3513.8	948.7	25.1	5317.5	1435.7
.2	2105.5	568.5	.2	3546.2	957.5	.2	5357.3	1446.5
.3	2130.7	575.3	.3	3578.8	966.3	.3	5397.3	1457.3
.4	2156.0	582.1	.4	3611.6	975.1	.4	5437.5	1468.1
.5	2181.5	589.0	.5	3644.4	984.0	.5	5477.8	1479.0
.6	2207.1	595.9	.6	3677.5	992.9	.6	5518.2	1489.9
.7	2232.9	602.9	.7	3710.7	1001.9	.7	5558.8	1500.9
.8	2258.8	609.9	.8	3744.0	1010.9	.8	5599.6	1511.9
.9	2284.9	616.9	.9	3777.5	1019.9	.9	5640.4	1522.9
16.0	2311.1	624.0	21.0	3811.1	1029.0	26.0	5681.5	1534.0
.1	2337.5	631.1	.1	3844.9	1038.1	.1	5722.7	1545.1
.2	2364.0	638.3	.2	3878.8	1047.3	.2	5764.0	1556.3
.3	2390.7	645.5	.3	3912.9	1056.5	.3	5805.5	1567.5
.4	2417.5	652.7	.4	3947.1	1065.7	.4	5847.1	1578.7
.5	2444.4	660.0	.5	3981.5	1075.0	.5	5888.9	1590.0
.6	2471.6	667.3	.6	4016.0	1084.3	.6	5930.8	1601.3
.7	2498.8	674.7	.7	4050.7	1093.7	.7	5972.9	1612.7
.8	2526.2	682.1	.8	4085.5	1103.1	.8	6015.1	1624.1
.9	2553.8	689.5	.9	4120.4	1112.5	.9	6057.5	1635.5
17.0	2581.5	697.0	22.0	4155.6	1122.0	27.0	6100.0	1647.0
.1	2609.3	704.5	.1	4190.8	1131.5	.1	6142.7	1658.5
.2	2637.3	712.1	.2	4226.2	1141.1	.2	6185.5	1670.1
.3	2665.5	719.7	.3	4261.8	1150.7	.3	6228.4	1681.7
.4	2693.8	727.3	.4	4297.5	1160.3	.4	6271.6	1693.3
.5	2722.2	735.0	.5	4333.3	1170.0	.5	6314.8	1705.0
.6	2750.8	742.7	.6	4369.3	1179.7	.6	6358.2	1716.7
.7	2779.6	750.5	.7	4405.5	1189.5	.7	6401.8	1728.5
.8	2808.4	758.3	.8	4441.8	1199.3	.8	6445.5	1740.3
.9	2837.5	766.1	.9	4478.2	1209.1	.9	6489.3	1752.1
18.0	2866.7	774.0	23.0	4514.8	1219.0	28.0	6533.3	1764.0
.1	2896.0	781.9	.1	4551.6	1228.9	.1	6577.5	1775.9
.2	2925.5	789.9	.2	4588.4	1238.9	.2	6621.8	1787.9
.3	2955.1	797.9	.3	4625.5	1248.9	.3	6666.2	1799.9
.4	2984.9	805.9	.4	4662.7	1258.9	.4	6710.8	1811.9
.5	3014.8	814.0	.5	4700.0	1269.0	.5	6755.6	1824.0
.6	3044.9	822.1	.6	4737.5	1279.1	.6	6800.4	1836.1
.7	3075.1	830.3	.7	4775.1	1289.3	.7	6845.5	1848.3
.8	3105.5	838.5	.8	4812.9	1299.5	.8	6890.7	1860.5
.9	3136.0	846.7	.9	4850.8	1309.7	.9	6936.0	1872.7
19.0	3166.7	855.0	24.0	4888.9	1320.0	29.0	6981.5	1885.0
.1	3197.5	863.3	.1	4927.1	1330.3	.1	7027.1	1897.3
.2	3228.4	871.7	.2	4965.5	1340.7	.2	7072.9	1909.7
.3	3259.6	880.1	.3	5004.0	1351.1	.3	7118.8	1922.1
.4	3290.8	888.5	.4	5042.7	1361.5	.4	7164.9	1934.5
.5	3322.2	897.0	.5	5081.5	1372.0	.5	7211.1	1947.0
.6	3353.8	905.5	.6	5120.4	1382.5	.6	7257.5	1959.5
.7	3385.5	914.1	.7	5159.6	1393.1	.7	7304.0	1972.1
.8	3417.3	922.7	.8	5198.8	1403.7	.8	7350.7	1984.7
.9	3449.3	931.3	.9	5238.2	1414.3	.9	7397.5	1997.3
20.0	3481.5	940.0	25.0	5277.8	1425.0	30.0	7444.4	2010.0

TABLE III Side Slopes 2 : 1
Crown 7 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	2.67	0.72	5.1	324.9	87.7	10.1	1017.5	274.7
.2	5.48	1.48	.2	335.1	90.5	.2	1035.1	279.5
.3	8.4	2.28	.3	345.5	93.3	.3	1052.9	284.3
.4	11.6	3.12	.4	356.0	96.1	.4	1070.8	289.1
.5	14.8	4.00	.5	366.7	99.0	.5	1088.9	294.0
.6	18.2	4.92	.6	377.5	101.9	.6	1107.1	298.9
.7	21.8	5.88	.7	388.4	104.9	.7	1125.5	303.9
.8	25.5	6.9	.8	399.6	107.9	.8	1144.0	308.9
.9	29.3	7.9	.9	410.8	110.9	.9	1162.7	313.9
1.0	33.3	9.0	6.0	422.2	114.0	11.0	1181.5	319.0
.1	37.5	10.1	.1	433.8	117.1	.1	1200.4	324.1
.2	41.8	11.3	.2	445.5	120.3	.2	1219.6	329.3
.3	46.2	12.5	.3	457.3	123.5	.3	1238.8	334.5
.4	50.8	13.7	.4	469.3	126.7	.4	1258.2	339.7
.5	55.6	15.0	.5	481.5	130.0	.5	1277.8	345.0
.6	60.4	16.3	.6	493.8	133.3	.6	1297.5	350.3
.7	65.5	17.7	.7	506.2	136.7	.7	1317.3	355.7
.8	70.7	19.1	.8	518.8	140.1	.8	1337.3	361.1
.9	76.0	20.5	.9	531.6	143.5	.9	1357.5	366.5
2.0	81.5	22.0	7.0	544.4	147.0	12.0	1377.8	372.0
.1	87.1	23.5	.1	557.5	150.5	.1	1398.2	377.5
.2	92.9	25.1	.2	570.7	154.1	.2	1418.8	383.1
.3	98.8	26.7	.3	584.0	157.7	.3	1439.6	388.7
.4	104.9	28.3	.4	597.5	161.3	.4	1460.4	394.3
.5	111.1	30.0	.5	611.1	165.0	.5	1481.5	400.0
.6	117.5	31.7	.6	624.9	168.7	.6	1502.7	405.7
.7	124.0	33.5	.7	638.8	172.5	.7	1524.0	411.5
.8	130.7	35.3	.8	652.9	176.3	.8	1545.5	417.3
.9	137.5	37.1	.9	667.1	180.1	.9	1567.1	423.1
3.0	144.4	39.0	8.0	681.5	184.0	13.0	1588.9	429.0
.1	151.6	40.9	.1	696.0	187.9	.1	1610.8	434.9
.2	158.8	42.9	.2	710.7	191.9	.2	1632.9	440.9
.3	166.2	44.9	.3	725.5	195.9	.3	1655.1	446.9
.4	173.8	46.9	.4	740.4	199.9	.4	1677.5	452.9
.5	181.5	49.0	.5	755.6	204.0	.5	1700.0	459.0
.6	189.3	51.1	.6	770.8	208.1	.6	1722.7	465.1
.7	197.3	53.3	.7	786.2	212.3	.7	1745.5	471.3
.8	205.5	55.5	.8	801.8	216.5	.8	1768.4	477.5
.9	213.8	57.7	.9	817.5	220.7	.9	1791.6	483.7
4.0	222.2	60.0	9.0	833.3	225.0	14.0	1814.8	490.0
.1	230.8	62.3	.1	849.3	229.3	.1	1838.2	496.3
.2	239.6	64.7	.2	865.5	233.7	.2	1861.8	502.7
.3	248.4	67.1	.3	881.8	238.1	.3	1885.5	509.1
.4	257.5	69.5	.4	898.2	242.5	.4	1909.3	515.5
.5	266.7	72.0	.5	914.8	247.0	.5	1933.3	522.0
.6	276.0	74.5	.6	931.6	251.5	.6	1957.5	528.5
.7	285.5	77.1	.7	948.4	256.1	.7	1981.8	535.1
.8	295.1	79.7	.8	965.5	260.7	.8	2006.2	541.7
.9	304.9	82.3	.9	982.7	265.3	.9	2030.8	548.3
5.0	314.8	85.0	10.0	1000.0	270.0	15.0	2055.6	555.0

TABLE III Side Slopes 2 : 1
Crown 7 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2080.4	561.7	20.1	3513.8	948.7	25.1	5317.5	1435.7
.2	2105.5	568.5	.2	3546.2	957.5	.2	5357.3	1446.5
.3	2130.7	575.3	.3	3578.8	966.3	.3	5397.3	1457.3
.4	2156.0	582.1	.4	3611.6	975.1	.4	5437.5	1468.1
.5	2181.5	589.0	.5	3644.4	984.0	.5	5477.8	1479.0
.6	2207.1	595.9	.6	3677.5	992.9	.6	5518.2	1489.9
.7	2232.9	602.9	.7	3710.7	1001.9	.7	5558.8	1500.9
.8	2258.8	609.9	.8	3744.0	1010.9	.8	5599.6	1511.9
.9	2284.9	616.9	.9	3777.5	1019.9	.9	5640.4	1522.9
16.0	2311.1	624.0	21.0	3811.1	1029.0	26.0	5681.5	1534.0
.1	2337.5	631.1	.1	3844.9	1038.1	.1	5722.7	1545.1
.2	2364.0	638.3	.2	3878.8	1047.3	.2	5764.0	1556.3
.3	2390.7	645.5	.3	3912.9	1056.5	.3	5805.5	1567.5
.4	2417.5	652.7	.4	3947.1	1065.7	.4	5847.1	1578.7
.5	2444.4	660.0	.5	3981.5	1075.0	.5	5888.9	1590.0
.6	2471.6	667 3	.6	4016.0	1084.3	.6	5930.8	1601.3
.7	2498.8	674.7	.7	4050.7	1093.7	.7	5972.9	1612.7
.8	2526.2	682.1	.8	4085.5	1103.1	.8	6015.1	1624.1
.9	2553.8	689.5	.9	4120.4	1112.5	.9	6057.5	1635.5
17.0	2581.5	697.0	22.0	4155.6	1122.0	27.0	6100.0	1647.0
.1	2609.3	704.5	.1	4190.8	1131.5	.1	6142.7	1658.5
.2	2637.3	712.1	.2	4226.2	1141.1	.2	6185.5	1670.1
.3	2665.5	719.7	.3	4261.8	1150.7	.3	6228.4	1681.7
.4	2693.8	727.3	.4	4297.5	1160.3	.4	6271.6	1693.3
.5	2722.2	735.0	.5	4333.3	1170.0	.5	6314.8	1705.0
.6	2750.8	742.7	.6	4369.3	1179.7	.6	6358.2	1716.7
.7	2779.6	750.5	.7	4405.5	1189.5	.7	6401.8	1728.5
.8	2808.4	758.3	.8	4441.8	1199.3	.8	6445.5	1740.3
.9	2837.5	766.1	.9	4478.2	1209.1	.9	6489.3	1752.1
18.0	2866.7	774.0	23.0	4514.8	1219.0	28.0	6533.3	1764.0
.1	2896.0	781.9	.1	4551.6	1228.9	.1	6577.5	1775.9
.2	2925.5	789.9	.2	4588.4	1238.9	.2	6621.8	1787.9
.3	2955.1	797.9	.3	4625.5	1248.9	.3	6666.2	1799.9
.4	2984.9	805.9	.4	4662.7	1258.9	.4	6710.8	1811.9
.5	3014.8	814.0	.5	4700.0	1269.0	.5	6755.6	1824.0
.6	3044.9	822.1	.6	4737.5	1279.1	.6	6800.4	1836.1
.7	3075.1	830.3	.7	4775.1	1289.3	.7	6845.5	1848.3
.8	3105.5	838.5	.8	4812.9	1299.5	.8	6890.7	1860.5
.9	3136.0	846.7	.9	4850.8	1309.7	.9	6936.0	1872.7
19.0	3166.7	855.0	24.0	4888.9	1320.0	29.0	6981.5	1885.0
.1	3197.5	863.3	.1	4927.1	1330.3	.1	7027.1	1897.3
.2	3228.4	871.7	.2	4965.5	1340.7	.2	7072.9	1909.7
.3	3259.6	880.1	.3	5004.0	1351.1	.3	7118.8	1922.1
.4	3290.8	888.5	.4	5042.7	1361.5	.4	7164.9	1934.5
.5	3322.2	897.0	.5	5081.5	1372.0	.5	7211.1	1947.0
.6	3353.8	905.5	.6	5120.4	1382.5	.6	7257.5	1959.5
.7	3385.5	914.1	.7	5159.6	1393.1	.7	7304.0	1972.1
.8	3417.3	922.7	.8	5198.8	1403.7	.8	7350.7	1984.7
.9	3449.3	931.3	.9	5238.2	1414.3	.9	7397.5	1997.3
20.0	3481.5	940.0	25.0	5277.8	1425.0	30.0	7444.4	2010.0

TABLE III Side Slopes 2 : 1
Crown 8 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.04	0.82	5.1	343.8	92.8	10.1	1054.9	284.8
.2	6.22	1.68	.2	354.4	95.7	.2	1072.9	289.7
.3	9.6	2.58	.3	365.1	98.6	.3	1091.0	294.6
.4	13.0	3.52	.4	376.0	101.5	.4	1109.3	299.5
.5	16.7	4.50	.5	387.0	104.5	.5	1127.8	304.5
.6	20.4	5.52	.6	398.2	107.5	.6	1146.4	309.5
.7	24.4	6.6	.7	409.6	110.6	.7	1165.1	314.6
.8	28.4	7.7	.8	421.0	113.7	.8	1184.0	319.7
.9	32.7	8.8	.9	432.7	116.8	.9	1203.0	324.8
1.0	37.0	10.0	6.0	444.4	120.0	11.0	1222.2	330.0
.1	41.6	11.2	.1	456.4	123.2	.1	1241.6	335.2
.2	46.2	12.5	.2	468.4	126.5	.2	1261.0	340.5
.3	51.0	13.8	.3	480.7	129.8	.3	1280.7	345.8
.4	56.0	15.1	.4	493.0	133.1	.4	1300.4	351.1
.5	61.1	16.5	.5	505.6	136.5	.5	1320.4	356.5
.6	66.4	17.9	.6	518.2	139.9	.6	1340.4	361.9
.7	71.8	19.4	.7	531.0	143.4	.7	1360.7	367.4
.8	77.3	20.9	.8	544.0	146.9	.8	1381.0	372.9
.9	83.0	22.4	.9	557.1	150.4	.9	1401.6	378.4
2.0	88.9	24.0	7.0	570.4	154.0	12.0	1422.2	384.0
.1	94.9	25.6	.1	583.8	157.6	.1	1443.0	389.6
.2	101.0	27.3	.2	597.3	161.3	.2	1464.0	395.3
.3	107.3	29.0	.3	611.0	165.0	.3	1485.1	401.0
.4	113.8	30.7	.4	624.9	168.7	.4	1506.4	406.7
.5	120.4	32.5	.5	638.9	172.5	.5	1527.8	412.5
.6	127.1	34.3	.6	653.0	176.3	.6	1549.3	418.3
.7	134.0	36.2	.7	667.3	180.2	.7	1571.0	424.2
.8	141.0	38.1	.8	681.8	184.1	.8	1592.9	430.1
.9	148.2	40.0	.9	696.4	188.0	.9	1614.9	436.0
3.0	155.6	42.0	8.0	711.1	192.0	13.0	1637.0	442.0
.1	163.0	44.0	.1	726.0	196.0	.1	1659.3	448.0
.2	170.7	46.1	.2	741.0	200.1	.2	1681.8	454.1
.3	178.4	48.2	.3	756.2	204.2	.3	1704.4	460.2
.4	186.4	50.3	.4	771.6	208.3	.4	1727.1	466.3
.5	194.4	52.5	.5	787.0	212.5	.5	1750.0	472.5
.6	202.7	54.7	.6	802.7	216.7	.6	1773.0	478.7
.7	211.0	57.0	.7	818.4	221.0	.7	1796.2	485.0
.8	219.6	59.3	.8	834.4	225.3	.8	1819.6	491.3
.9	228.2	61.6	.9	850.4	229.6	.9	1843.0	497.6
4.0	237.0	64.0	9.0	866.7	234.0	14.0	1866.7	504.0
.1	246.0	66.4	.1	883.0	238.4	.1	1890.4	510.4
.2	255.1	68.9	.2	899.6	242.9	.2	1914.4	516.9
.3	264.4	71.4	.3	916.2	247.4	.3	1938.4	623.4
.4	273.8	73.9	.4	933.0	251.9	.4	1962.7	529.9
.5	283.3	76.5	.5	950.0	256.5	.5	1987.0	536.5
.6	293.0	79.1	.6	967.1	261.1	.6	2011.6	543.1
.7	302.9	81.8	.7	984.4	265.8	.7	2036.2	549.8
.8	312.9	84.5	.8	1001.8	270.5	.8	2061.0	556.5
.9	323.0	87.2	.9	1019.3	275.2	.9	2086.0	563.2
5.0	333.3	90.0	10.0	1037.0	280.0	15.0	2111.1	570.0

TABLE III Side Slopes 2 : 1

Crown 8 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2136.4	576.8	20.1	3588.2	968.8	25.1	5410.4	1460.8
.2	2161.8	583.7	.2	3621.0	977.7	.2	5450.7	1471.7
.3	2187.3	590.6	.3	3654.0	986.6	.3	5491.0	1482.6
.4	2213.0	597.5	.4	3687.1	995.5	.4	5531.6	1493.5
.5	2238.9	604.5	.5	3720.4	1004.5	.5	5572.2	1504.5
.6	2264.9	611.5	.6	3753.8	1013.5	.6	5613.0	1515.5
.7	2291.0	618.6	.7	3787.3	1022.6	.7	5654.0	1526.6
.8	2317.3	625.7	.8	3821.0	1031.7	.8	5695.1	1537.7
.9	2343.8	632.8	.9	3854.9	1040.8	.9	5736.4	1548.8
16.0	2370.4	640.0	21.0	3888.9	1050.0	26.0	5777.8	1560.0
.1	2397.1	647.2	.1	3923.0	1059.2	.1	5819.3	1571.2
.2	2424.0	654.5	.2	3957.3	1068.5	.2	5861.0	1582.5
.3	2451.0	661.8	.3	3991.8	1077.8	.3	5902.9	1593.8
.4	2478.2	669.1	.4	4026.4	1087.1	.4	5944.9	1605.1
.5	2505.6	676.5	.5	4061.1	1096.5	.5	5987.0	1616.5
.6	2533.0	683.9	.6	4096.0	1105.9	.6	6029.3	1627.9
.7	2560.7	691.4	.7	4131.0	1115.4	.7	6071.8	1639.4
.8	2588.4	698.9	.8	4166.2	1124.9	.8	6114.4	1650.9
.9	2616.4	706.4	.9	4201.6	1134.4	.9	6157.1	1662.4
17.0	2644.4	714.0	22.0	4237.0	1144.0	27.0	6200.0	1674.0
.1	2672.7	721.6	.1	4272.7	1153.6	.1	6243.0	1685.6
.2	2701.0	729.3	.2	4308.4	1163.3	.2	6286.2	1697.3
.3	2729.6	737.0	.3	4344.4	1173.0	.3	6329.6	1709.0
.4	2758.2	744.7	.4	4380.4	1182.7	.4	6373.0	1720.7
.5	2787.0	752.5	.5	4416.7	1192.5	.5	6416.7	1732.5
.6	2816.0	760.3	.6	4453.0	1202.3	.6	6460.4	1744.3
.7	2845.1	768.2	.7	4489.6	1212.2	.7	6504.4	1756.2
.8	2874.4	776.1	.8	4526.2	1222.1	.8	6548.4	1768.1
.9	2903.8	784.0	.9	4563.0	1232.0	.9	6592.7	1780.0
18.0	2933.3	792.0	23.0	4600.0	1242.0	28.0	6637.0	1792.0
.1	2963.0	800.0	.1	4637.1	1252.0	.1	6681.6	1804.0
.2	2992.9	808.1	.2	4674.4	1262.1	.2	6726.2	1816.1
.3	3022.9	816.2	.3	4711.8	1272.2	.3	6771.0	1828.2
.4	3053.0	824.3	.4	4749.3	1282.3	.4	6816.0	1840.3
.5	3083.3	832.5	.5	4787.0	1292.5	.5	6861.1	1852.5
.6	3113.8	840.7	.6	4824.9	1302.7	.6	6906.4	1864.7
.7	3144.4	849.0	.7	4862.9	1313.0	.7	6951.8	1877.0
.8	3175.1	857.3	.8	4901.0	1323.3	.8	6997.3	1889.3
.9	3206.0	865.6	.9	4939.3	1333.6	.9	7043.0	1901.6
19.0	3237.0	874.0	24.0	4977.8	1344.0	29.0	7088.9	1914.0
.1	3268.2	882.4	.1	5016.4	1354.4	.1	7134.9	1926.4
.2	3299.6	890.9	.2	5055.1	1364.9	.2	7181.0	1938.9
.3	3331.0	899.4	.3	5094.0	1375.4	.3	7227.3	1951.4
.4	3362.7	907.9	.4	5133.0	1385.9	.4	7273.8	1963.9
.5	3394.4	916.5	.5	5172.2	1396.5	.5	7320.4	1976.5
.6	3426.4	925.1	.6	5211.6	1407.1	.6	7367.1	1989.1
.7	3458.4	933.8	.7	5251.0	1417.8	.7	7414.0	2001.8
.8	3490.7	942.5	.8	5290.7	1428.5	.8	7461.0	2014.5
.9	3523.0	951.2	.9	5330.4	1439.2	.9	7508.2	2027.2
20.0	3555.6	960.0	25.0	5370.4	1450.0	30.0	7555.6	2040.0

TABLE III Side Slopes 2 : 1
Crown 9 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.41	0.92	5.1	362.7	97.9	10.1	1092.3	294.9
.2	6.96	1.88	.2	373.6	100.9	.2	1110.7	299.9
.3	10.7	2.88	.3	384.7	103.9	.3	1129.2	304.9
.4	14.5	3.92	.4	396.0	106.9	.4	1147.9	309.9
.5	18.5	5.00	.5	407.4	110.0	.5	1166.7	315.0
.6	22.7	6.12	.6	419.0	113.1	.6	1185.6	320.1
.7	27.0	7.3	.7	430.7	116.3	.7	1204.7	325.3
.8	31.4	8.5	.8	442.5	119.5	.8	1224.0	330.5
.9	36.0	9.7	.9	454.5	122.7	.9	1243.4	335.7
1.0	40.7	11.0	6.0	466.7	126.0	11.0	1263.0	341.0
.1	45.6	12.3	.1	479.0	129.3	.1	1282.7	346.3
.2	50.7	13.7	.2	491.4	132.7	.2	1302.5	351.7
.3	55.9	15.1	.3	504.0	136.1	.3	1322.5	357.1
.4	61.2	16.5	.4	516.7	139.5	.4	1342.7	362.5
.5	66.7	18.0	.5	529.6	143.0	.5	1363.0	368.0
.6	72.3	19.5	.6	542.7	146.5	.6	1383.4	373.5
.7	78.1	21.1	.7	555.9	150.1	.7	1404.0	379.1
.8	84.0	22.7	.8	569.2	153.7	.8	1424.7	384.7
.9	90.1	24.3	.9	582.7	157.3	.9	1445.6	390.3
2.0	96.3	26.0	7.0	596.3	161.0	12.0	1466.7	396.0
.1	102.7	27.7	.1	610.1	164.7	.1	1487.9	401.7
.2	109.2	29.5	.2	624.0	168.5	.2	1509.2	407.5
.3	115.9	31.3	.3	638.1	172.3	.3	1530.7	413.3
.4	122.7	33.1	.4	652.3	176.1	.4	1552.3	419.1
.5	129.6	35.0	.5	666.7	180.0	.5	1574.1	425.0
.6	136.7	36.9	.6	681.2	183.9	.6	1596.0	430.9
.7	144.0	38.9	.7	695.9	187.9	.7	1618.1	436.9
.8	151.4	40.9	.8	710.7	191.9	.8	1640.3	442.9
.9	159.0	42.9	.9	725.6	195.9	.9	1662.7	448.9
3.0	166.7	45.0	8.0	740.7	200.0	13.0	1685.2	455.0
.1	174.5	47.1	.1	756.0	204.1	.1	1707.9	461.1
.2	182.5	49.3	.2	771.4	208.3	.2	1730.7	467.3
.3	190.7	51.5	.3	787.0	212.5	.3	1753.6	473.5
.4	199.0	53.7	.4	802.7	216.7	.4	1776.7	479.7
.5	207.4	56.0	.5	818.5	221.0	.5	1800.0	486.0
.6	216.0	58.3	.6	834.5	225.3	.6	1823.4	492.3
.7	224.7	60.7	.7	850.7	229.7	.7	1847.0	498.7
.8	233.6	63.1	.8	867.0	234.1	.8	1870.7	505.1
.9	242.7	65.5	.9	883.4	238.5	.9	1894.5	511.5
4.0	251.9	68.0	9.0	900.0	243.0	14.0	1918.5	518.0
.1	261.2	70.5	.1	916.7	247.5	.1	1942.7	524.5
.2	270.7	73.1	.2	933.6	252.1	.2	1967.0	531.1
.3	280.3	75.7	.3	950.7	256.7	.3	1991.4	537.7
.4	290.1	78.3	.4	967.9	261.3	.4	2016.0	544.3
.5	300.0	81.0	.5	985.2	266.0	.5	2040.7	551.0
.6	310.1	83.7	.6	1002.7	270.7	.6	2065.6	557.7
.7	320.3	86.5	.7	1020.3	275.5	.7	2090.7	564.5
.8	330.7	89.3	.8	1038.1	280.3	.8	2115.9	571.3
.9	341.2	92.1	.9	1056.0	285.1	.9	2141.2	578.1
5.0	351.9	95.0	10.0	1074.1	290.0	15.0	2166.7	585.0

TABLE III Side Slopes 2 : 1
Crown 9 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2192.3	591.9	20.1	3662.7	988.9	25.1	5503.4	1485.9
.2	2218.1	598.9	.2	3695.9	997.9	.2	5544.0	1496.9
.3	2244.0	605.9	.3	3729.2	1006.9	.3	5584.7	1507.9
.4	2270.1	612.9	.4	3762.7	1015.9	.4	5625.6	1518.9
.5	2296.3	620.0	.5	3796.3	1025.0	.5	5666.7	1530.0
.6	2322.7	627.1	.6	3830.1	1034.1	.6	5707.9	1541.1
.7	2349.2	634.3	.7	3864.0	1043.3	.7	5749.2	1552.3
.8	2375.9	641.5	.8	3898.1	1052.5	.8	5790.7	1563.5
.9	2402.7	648.7	.9	3932.3	1061.7	.9	5832.3	1574.7
16.0	2429.6	656.0	21.0	3966.7	1071.0	26.0	5874.1	1586.0
.1	2456.7	663.3	.1	4001.2	1080.3	.1	5916.0	1597.3
.2	2484.0	670.7	.2	4035.9	1089.7	.2	5958.1	1608.7
.3	2511.4	678.1	.3	4070.7	1099.1	.3	6000.3	1620.1
.4	2539.0	685.5	.4	4105.6	1108.5	.4	6042.7	1631.5
.5	2566.7	693.0	.5	4140.7	1118.0	.5	6085.2	1643.0
.6	2594.5	700.5	.6	4176.0	1127.5	.6	6127.9	1654.5
.7	2622.5	708.1	.7	4211.4	1137.1	.7	6170.7	1666.1
.8	2650.7	715.7	.8	4247.0	1146.7	.8	6213.6	1677.7
.9	2679.0	723.3	.9	4282.7	1156.3	.9	6256.7	1689.3
17.0	2707.4	731.0	22.0	4318.5	1166.0	27.0	6300.0	1701.0
.1	2736.0	738.7	.1	4354.5	1175.7	.1	6343.4	1712.7
.2	2764.7	746.5	.2	4390.7	1185.5	.2	6387.0	1724.5
.3	2793.6	754.3	.3	4427.0	1195.3	.3	6430.7	1736.3
.4	2822.7	762.1	.4	4463.4	1205.1	.4	6474.5	1748.1
.5	2851.9	770.0	.5	4500.0	1215.0	.5	6518.5	1760.0
.6	2881.2	777.9	.6	4536.7	1224.9	.6	6562.7	1771.9
.7	2910.7	785.9	.7	4573.6	1234.9	.7	6607.0	1783.9
.8	2940.3	793.9	.8	4610.7	1244.9	.8	6651.4	1795.9
.9	2970.1	801.9	.9	4647.9	1254.9	.9	6696.0	1807.9
18.0	3000.0	810.0	23.0	4685.2	1265.0	28.0	6740.7	1820.0
.1	3030.1	818.1	.1	4722.7	1275.1	.1	6785.6	1832.1
.2	3060.3	826.3	.2	4760.3	1285.3	.2	6830.7	1844.3
.3	3090.7	834.5	.3	4798.1	1295.5	.3	6875.9	1856.5
.4	3121.2	842.7	.4	4836.0	1305.7	.4	6921.2	1868.7
.5	3151.9	851.0	.5	4874.1	1316.0	.5	6966.7	1881.0
.6	3182 7	859.3	.6	4912.3	1326.3	.6	7012.3	1893.3
.7	3213.6	867.7	.7	4950.7	1336.7	.7	7058.1	1905.7
.8	3244.7	876.1	.8	4989.2	1347.1	.8	7104.0	1918.1
.9	3276.0	884.5	.9	5027.9	1357.5	.9	7150.1	1930.5
19.0	3307.4	893.0	24.0	5066.7	1368.0	29.0	7196.3	1943.0
.1	3339.0	901.5	.1	5105.6	1378.5	.1	7242.7	1955.5
.2	3370.7	910.1	.2	5144.7	1389.1	.2	7289.2	1968.1
.3	3402.5	918.7	.3	5184.0	1399.7	.3	7335.9	1980.7
.4	3434.5	927.3	.4	5223.4	1410.3	.4	7382.7	1993.3
.5	3466.7	936.0	.5	5263.0	1421.0	.5	7429.6	2006.0
.6	3499.0	944.7	.6	5302.7	1431.7	.6	7476.7	2018.7
.7	3531.4	953.5	.7	5342.5	1442.5	.7	7524.0	2031.5
.8	3564.0	962.3	.8	5382.5	1453.3	.8	7571.4	2044.3
.9	3596.7	971.1	.9	5422.7	1464.1	.9	7619.0	2057.1
20.0	3629.6	980.0	25.0	5463.0	1475.0	30.0	7666.7	2070.0

TABLE III Side Slopes 2 : 1
Crown 10 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.78	1.02	5.1	381.6	103.0	10.1	1129.7	305.0
.2	7.70	2.08	.2	392.9	106.1	.2	1148.4	310.1
.3	11.8	3.18	.3	404.4	109.2	.3	1167.3	315.2
.4	16.0	4.32	.4	416.0	112.3	.4	1186.4	320.3
.5	20.4	5.50	.5	427.8	115.5	.5	1205.6	325.5
.6	24.9	6.7	.6	439.7	118.7	.6	1224.9	330.7
.7	29.6	8.0	.7	451.8	122.0	.7	1244.4	336.0
.8	34.4	9.3	.8	464.0	125.3	.8	1264.0	341.3
.9	39.3	10.6	.9	476.4	128.6	.9	1283.8	346.6
1.0	44.4	12.0	6.0	488.9	132.0	11.0	1303.7	352.0
.1	49.7	13.4	.1	501.6	135.4	.1	1323.8	357.4
.2	55.1	14.9	.2	514.4	138.9	.2	1344.0	362.9
.3	60.7	16.4	.3	527.3	142.4	.3	1364.4	368.4
.4	66.4	17.9	.4	540.4	145.9	.4	1384.9	373.9
.5	72.2	19.5	.5	553.7	149.5	.5	1405.6	379.5
.6	78.2	21.1	.6	567.1	153.1	.6	1426.4	385.1
.7	84.4	22.8	.7	580.7	156.8	.7	1447.3	390.8
.8	90.7	24.5	.8	594.4	160.5	.8	1468.4	396.5
.9	97.1	26.2	.9	608.2	164.2	.9	1489.7	402.2
2.0	103.7	28.0	7.0	622.2	168.0	12.0	1511.1	408.0
.1	110.4	29.8	.1	636.4	171.8	.1	1532.7	413.8
.2	117.3	31.7	.2	650.7	175.7	.2	1554.4	419.7
.3	124.4	33.6	.3	665.1	179.6	.3	1576.2	425.6
.4	131.6	35.5	.4	679.7	183.5	.4	1598.2	431.5
.5	138.9	37.5	.5	694.4	187.5	.5	1620.4	437.5
.6	146.4	39.5	.6	709.3	191 5	.6	1642.7	443.5
.7	154.0	41.6	.7	724.4	195.6	.7	1665.1	449.6
.8	161.8	43.7	.8	739.6	199.7	.8	1687.7	455.7
.9	169.7	45.8	.9	754.9	203.8	.9	1710.4	461.8
3.0	177.8	48.0	8.0	770.4	208.0	13.0	1733.3	468.0
.1	186.0	50.2	.1	786.0	212.2	.1	1756.4	474.2
.2	194.4	52.5	.2	801.8	216.5	.2	1779.6	480.5
.3	202.9	54.8	.3	817.7	220.8	.3	1802.9	486.8
.4	211.6	57.1	.4	833.8	225.1	.4	1826.4	493.1
.5	220.4	59.5	.5	850.0	229.5	.5	1850.0	499.5
.6	229.3	61.9	.6	866.4	233.9	.6	1873.8	505.9
.7	238.4	64.4	.7	882.9	238.4	.7	1897.7	512.4
.8	247.7	66.9	.8	899.6	242.9	.8	1921.8	518.9
.9	257.1	69.4	.9	916.4	247.4	.9	1946.0	525.4
4.0	266.7	72.0	9.0	933.3	252.0	14.0	1970.4	532.0
.1	276.4	74.6	.1	950.4	256.6	.1	1994.9	538.6
.2	286.2	77.3	.2	967.7	261.3	.2	2019.6	545.3
.3	296.2	80.0	.3	985.1	266.0	.3	2044.4	552.0
.4	306.4	82.7	.4	1002.7	270.7	.4	2069.3	558.7
.5	316.7	85.5	.5	1020.4	275.5	.5	2094.4	565.5
.6	327.1	88.3	.6	1038.2	280.3	.6	2119.7	572.3
.7	337.7	91.2	.7	1056.2	285.2	.7	2145.1	579.2
.8	348.4	94.1	.8	1074.4	290.1	.8	2170.7	586.1
.9	359.3	97.0	.9	1092.7	295.0	.9	2196.4	593.0
5.0	370.4	100.0	10.0	1111.1	300.0	15.0	2222.2	600.0

TABLE III Side Slopes 2 : 1
Crown 10 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2248.2	607.0	20.1	3737.1	1009.0	25.1	5596.4	1511.0
.2	2274.4	614.1	.2	3770.7	1018.1	.2	5637.3	1522.1
.3	2300.7	621.2	.3	3804.4	1027.2	.3	5678.4	1533.2
.4	2327.1	628.3	.4	3838.2	1036.3	.4	5719.7	1544.3
.5	2353.7	635.5	.5	3872.2	1045.5	.5	5761.1	1555.5
.6	2380.4	642.7	.6	3906.4	1054.7	.6	5802.7	1566.7
.7	2407.3	650.0	.7	3940.7	1064.0	.7	5844.4	1578.0
.8	2434.4	657.3	.8	3975.1	1073.3	.8	5886.2	1589.3
.9	2461.6	664.6	.9	4009.7	1082.6	.9	5928.2	1600.6
16.0	2488.9	672.0	21.0	4044.4	1092.0	26.0	5970.4	1612.0
.1	2516.4	679.4	.1	4079.3	1101.4	.1	6012.7	1623.4
.2	2544.0	686.9	.2	4114.4	1110.9	.2	6055.1	1634.9
.3	2571.8	694.4	.3	4149.6	1120.4	.3	6097.7	1646.4
.4	2599.7	701.9	.4	4184.9	1129.9	.4	6140.4	1657.9
.5	2627.8	709.5	.5	4220.4	1139.5	.5	6183.3	1669.5
.6	2656.0	717.1	.6	4256.0	1149.1	.6	6226.4	1681.1
.7	2684.4	724.8	.7	4291.8	1158.8	.7	6269.6	1692.8
.8	2712.9	732.5	.8	4327.7	1168.5	.8	6312.9	1704.5
.9	2741.6	740.2	.9	4363.8	1178.2	.9	6356.4	1716.2
17.0	2770.4	748.0	22.0	4400.0	1188.0	27.0	6400.0	1728.0
.1	2799.3	755.8	.1	4436.4	1197.8	.1	6443.8	1739.8
.2	2828.4	763.7	.2	4472.9	1207.7	.2	6487.7	1751.7
.3	2857.7	771.6	.3	4509.6	1217.6	.3	6531.8	1763.6
.4	2887.1	779.5	.4	4546.4	1227.5	.4	6576.0	1775.5
.5	2916.7	787.5	.5	4583.3	1237.5	.5	6620.4	1787.5
.6	2946.4	795.5	.6	4620.4	1247.5	.6	6664.9	1799.5
.7	2976.2	803.6	.7	4657.7	1257.6	.7	6709.6	1811.6
.8	3006.2	811.7	.8	4695.1	1267.7	.8	6754.4	1823.7
.9	3036.4	819.8	.9	4732.7	1277.8	.9	6799.3	1835.8
18.0	3066.7	828.0	23.0	4770.4	1288.0	28.0	6844.4	1848.0
.1	3097.1	836.2	.1	4808.2	1298.2	.1	6889.7	1860.2
.2	3127.7	844.5	.2	4846.2	1308.5	.2	6935.1	1872.5
.3	3158.4	852.8	.3	4884.4	1318.8	.3	6980.7	1884.8
.4	3189.3	861.1	.4	4922.7	1329.1	.4	7026.4	1897.1
.5	3220.4	869.5	.5	4961.1	1339.5	.5	7072.2	1909.5
.6	3251.6	877.9	.6	4999.7	1349.9	.6	7118.2	1921.9
.7	3282.9	886.4	.7	5038.4	1360.4	.7	7164.4	1934.4
.8	3314.4	894.9	.8	5077.3	1370.9	.8	7210.7	1946.9
.9	3346.0	903.4	.9	5116.4	1381.4	.9	7257.1	1959.4
19.0	3377.8	912.0	24.0	5155.6	1392.0	29.0	7303.7	1972.0
.1	3409.7	920.6	.1	5194.9	1402.6	.1	7350.4	1984.6
.2	3441.8	929.3	.2	5234.4	1413.3	.2	7397.3	1997.3
.3	3474.0	938.0	.3	5274.0	1424.0	.3	7444.4	2010.0
.4	3506.4	946.7	.4	5313.8	1434.7	.4	7491.6	2022.7
.5	3538.9	955.5	.5	5353.7	1445.5	.5	7538.9	2035.5
.6	3571.6	964.3	.6	5393 8	1456.3	.6	7586.4	2048.3
.7	3604.4	973.2	.7	5434.0	1467.2	.7	7634.0	2061.2
.8	3637.3	982.1	.8	5474.4	1478.1	.8	7681.8	2074.1
.9	3670.4	991.0	.9	5514.9	1489.0	.9	7729.7	2087.0
20.0	3703.7	1000.0	25.0	5555.6	1500.0	30.0	7777.8	2100.0

TABLE IV Side Slopes 3 : 1
Crown 1 Foot

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	0.481	0.130	5.1	307.9	83.1	10.1	1170.9	316.1
.2	1.185	0.320	.2	319.7	86.3	.2	1193.8	322.3
.3	2.11	0.570	.3	331.7	89.6	.3	1216.9	328.6
.4	3.26	0.88	.4	344.0	92.9	.4	1240.3	334.9
.5	4.63	1.25	.5	356.5	96.3	.5	1263.9	341.3
.6	6.22	1.68	.6	369.2	99.7	.6	1287.7	347.7
.7	8.0	2.17	.7	382.1	103.2	.7	1311.7	354.2
.8	10.1	2.72	.8	395.3	106.7	.8	1336.0	360.7
.9	12.3	3.33	.9	408.6	110.3	.9	1360.5	367.3
1.0	14.8	4.00	6.0	422.2	114.0	11.0	1385.2	374.0
.1	17.5	4.73	.1	436.0	117.7	.1	1410.1	380.7
.2	20.4	5.52	.2	450.1	121.5	.2	1435.3	387.5
.3	23.6	6.4	.3	464.3	125.4	.3	1460.6	394.4
.4	27.0	7.3	.4	478.8	129.3	.4	1486.2	401.3
.5	30.6	8.3	.5	493.5	133.3	.5	1512.0	408.3
.6	34.4	9.3	.6	508.4	137.3	.6	1538.1	415.3
.7	38.4	10.4	.7	523.6	141.4	.7	1564.3	422.4
.8	42.7	11.5	.8	539.0	145.5	.8	1590.8	429.5
.9	47.1	12.7	.9	554.6	149.7	.9	1617.5	436.7
2.0	51.9	14.0	7.0	570.4	154.0	12.0	1644.4	444.0
.1	56.8	15.3	.1	586.4	158.3	.1	1671.6	451.3
.2	61.9	16.7	.2	602.7	162.7	.2	1699.0	458.7
.3	67.3	18.2	.3	619.1	167.2	.3	1726.6	466.2
.4	72.9	19.7	.4	635.9	171.7	.4	1754.4	473.7
.5	78.7	21.3	.5	652.8	176.3	.5	1782.4	481.3
.6	84.7	22.9	.6	669.9	180.9	.6	1810.7	488.9
.7	91.0	24.6	.7	687.3	185.6	.7	1839.1	496.6
.8	97.5	26.3	.8	704.9	190.3	.8	1867.9	504.3
.9	104.2	28.1	.9	722.7	195.1	.9	1896.8	512.1
3.0	111.1	30.0	8.0	740.7	200.0	13.0	1925.9	520.0
.1	118.3	31.9	.1	759.0	204.9	.1	1955.3	527.9
.2	125.6	33.9	.2	777.5	209.9	.2	1984.9	535.9
.3	133.2	36.0	.3	796.2	215.0	.3	2014.7	544.0
.4	141.0	38.1	.4	815.1	220.1	.4	2044.7	552.1
.5	149.1	40.3	.5	834.3	225.3	.5	2075.0	560.3
.6	157.3	42.5	.6	853.6	230.5	.6	2105.5	568.5
.7	165.8	44.8	.7	873.2	235.8	.7	2136.2	576.8
.8	174.5	47.1	.8	893.0	241.1	.8	2167.1	585.1
.9	183.4	49.5	.9	913.1	246.5	.9	2198.3	593.5
4.0	192.6	52.0	9.0	933.3	252.0	14.0	2229.6	602.0
.1	202.0	54.5	.1	953.8	257.5	.1	2261.2	610.5
.2	211.6	57.1	.2	974.5	263.1	.2	2293.0	619.1
.3	221.4	59.8	.3	995.4	268.8	.3	2325.1	627.8
.4	231.4	62.5	.4	1016.6	274.5	.4	2357.3	636.5
.5	241.7	65.3	.5	1038.0	280.3	.5	2389.8	645.3
.6	252.1	68.1	.6	1059.6	286.1	.6	2422.5	654.1
.7	262.9	71.0	.7	1081.4	292.0	.7	2455.4	663.0
.8	273.8	73.9	.8	1103.4	297.9	.8	2488.6	671.9
.9	284.9	76.9	.9	1125.7	303.9	.9	2522.0	680.9
5.0	296.3	80.0	10.0	1148.1	310.0	15.0	2555.6	690.0

TABLE IV Side Slopes 3 : 1
Crown 1 Foot

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2589.4	699.1	20.1	4563.4	1232.1	25.1	7093.1	1915.1
.2	2623.4	708.3	.2	4608.6	1244.3	.2	7149.3	1930.3
.3	2657.7	717.6	.3	4654.0	1256.6	.3	7205.8	1945.6
.4	2692.1	726.9	.4	4699.6	1268.9	.4	7262.5	1960.9
.5	2726.9	736.3	.5	4745.4	1281.3	.5	7319.4	1976.3
.6	2761.8	745.7	.6	4791.4	1293.7	.6	7376.6	1991.7
.7	2796.9	755.2	.7	4837.7	1306.2	.7	7434.0	2007.2
.8	2832.3	764.7	.8	4884.1	1318.7	.8	7491.6	2022.7
.9	2867.9	774.3	.9	4930.9	1331.3	.9	7549.4	2038.3
16.0	2903.7	784.0	21.0	4977.8	1344.0	26.0	7607.4	2054.0
.1	2939.7	793.7	.1	5024.9	1356.7	.1	7665.7	2069.7
.2	2976.0	803.5	.2	5072.3	1369.5	.2	7724.1	2085.5
.3	3012.5	813.4	.3	5119.9	1382.4	.3	7782.9	2101.4
.4	3049.2	823.3	.4	5167.7	1395.3	.4	7841.8	2117.3
.5	3086.1	833.3	.5	5215.7	1408.3	.5	7900.9	2133.3
.6	3123.3	843.3	.6	5264.0	1421.3	.6	7960.3	2149.3
.7	3160.6	853.4	.7	5312.5	1434.4	.7	8019.9	2165.4
.8	3198.2	863.5	.8	5361.2	1447.5	.8	8079.7	2181.5
.9	3236.0	873.7	.9	5410.1	1460.7	.9	8139.7	2197.7
17.0	3274.1	884.0	22.0	5459.3	1474.0	27.0	8200.0	2214.0
.1	3312.3	894.3	.1	5508.6	1487.3	.1	8260.5	2230.3
.2	3350.8	904.7	.2	5558.2	1500.7	.2	8321.2	2246.7
.3	3389.5	915.2	.3	5608.0	1514.2	.3	8382.1	2263.2
.4	3428.4	925.7	.4	5658.1	1527.7	.4	8443.3	2279.7
.5	3467.6	936.3	.5	5708.3	1541.3	.5	8504.6	2296.3
.6	3507.0	946.9	.6	5758.8	1554.9	.6	8566.2	2312.9
.7	3546.6	957.6	.7	5809.5	1568.6	.7	8628.0	2329.6
.8	3586.4	968.3	.8	5860.4	1582.3	.8	8690.1	2346.3
.9	3626.4	979.1	.9	5911.6	1596.1	.9	8752.3	2363.1
18.0	3666.7	990.0	23.0	5963.0	1610.0	28.0	8814.8	2380.0
.1	3707.1	1000.9	.1	6014.6	1623.9	.1	8877.5	2396.9
.2	3747.9	1011.9	.2	6066.4	1637.9	.2	8940.4	2413.9
.3	3788.8	1023.0	.3	6118.4	1652.0	.3	9003.6	2431.0
.4	3829.9	1034.1	.4	6170.7	1666.1	.4	9067.0	2448.1
.5	3871.3	1045.3	.5	6223.1	1680.3	.5	9130.6	2465.3
.6	3912.9	1056.5	.6	6275.9	1694.5	.6	9194.4	2482.5
.7	3954.7	1067.8	.7	6328.8	1708.8	.7	9258.4	2499.8
.8	3996.7	1079.1	.8	6381.9	1723.1	.8	9322.7	2517.1
.9	4039.0	1090.5	.9	6435.3	1737.5	.9	9387.1	2534.5
19.0	4081.5	1102.0	24.0	6488.9	1752.0	29.0	9451.9	2552.0
.1	4124.2	1113.5	.1	6542.7	1766.5	.1	9516.8	2569.5
.2	4167.1	1125.1	.2	6596.7	1781.1	.2	9581.9	2587.1
.3	4210.3	1136.8	.3	6651.0	1795.8	.3	9647.3	2604.8
.4	4253.6	1148.5	.4	6705.5	1810.5	.4	9712.9	2622.5
.5	4297.2	1160.3	.5	6760.2	1825.3	.5	9778.7	2640.3
.6	4341.0	1172.1	.6	6815.1	1840.1	.6	9844.7	2658.1
.7	4385.1	1184.0	.7	6870.3	1855.0	.7	9911.0	2676.0
.8	4429.3	1195.9	.8	6925.6	1869.9	.8	9977.5	2693.9
.9	4473.8	1207.9	.9	6981.2	1884.9	.9	10044.2	2711.9
20.0	4518.5	1220.0	25.0	7037.0	1900.0	30.0	10111.1	2730.0

TABLE IV · Side Slopes 3 : 1
Crown 2 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	S in S
0.1	0.85	0.230	5.1	326.8	88.2	10.1	1208.3	
.2	1.93	0.520	.2	339.0	91.5	.2	1231.6	
.3	3.22	0.87	.3	351.4	94.9	.3	1255.1	
.4	4.74	1.28	.4	364.0	98.3	.4	1278.8	
.5	6.48	1.75	.5	376.9	101.8	.5	1302.8	
.6	8.4	2.28	.6	389.9	105.3	.6	1327.0	
.7	10.6	2.87	.7	403.2	108.9	.7	1351.4	
.8	13.0	3.52	.8	416.7	112.5	.8	1376.0	
.9	15.7	4.23	.9	430.5	116.2	.9	1400.9	
1.0	18.5	5.00	6.0	444.4	120.0	11.0	1425.9	
.1	21.6	5.83	.1	458.6	123.8	.1	1451.2	
.2	24.9	6.7	.2	473.0	127.7	.2	1476.7	
.3	28.4	7.7	.3	487.7	131.7	.3	1502.5	
.4	32.1	8.7	.4	502.5	135.7	.4	1528.4	
.5	36.1	9.8	.5	517.6	139.8	.5	1554.6	
.6	40.3	10.9	.6	532.9	143.9	.6	1581.0	
.7	44.7	12.1	.7	548.4	148.1	.7	1607.7	
.8	49.3	13.3	.8	564.1	152.3	.8	1634.5	
.9	54.2	14.6	.9	580.1	156.6	.9	1661.6	
2.0	59.3	16.0	7.0	596.3	161.0	12.0	1688.9	
.1	64.6	17.4	.1	612.7	165.4	.1	1716.4	
.2	70.1	18.9	.2	629.3	169.9	.2	1744.1	
.3	75.8	20.5	.3	646.2	174.5	.3	1772.1	
.4	81.8	22.1	.4	663.3	179.1	.4	1800.3	
.5	88.0	23.8	.5	680.6	183.8	.5	1828.7	
.6	94.4	25.5	.6	698.1	188.5	.6	1857.3	
.7	101.0	27.3	.7	715.8	193.3	.7	1886.2	
.8	107.9	29.1	.8	733.8	198.1	.8	1915.3	
.9	114.9	31.0	.9	752.0	203.0	.9	1944.6	
3.0	122.2	33.0	8.0	770.4	208.0	13.0	1974.1	
.1	129.7	35.0	.1	789.0	213.0	.1	2003.8	
.2	137.5	37.1	.2	807.9	218.1	.2	2033.8	
.3	145.4	39.3	.3	826.9	223.3	.3	2064.0	
.4	153.6	41.5	.4	846.2	228.5	.4	2094.4	
.5	162.0	43.8	.5	865.7	233.8	.5	2125.0	
.6	170.7	46.1	.6	885.5	239.1	.6	2155.9	
.7	179.5	48.5	.7	905.4	244.5	.7	2186.9	
.8	188.6	50.9	.8	925.6	249.9	.8	2218.2	
.9	197.9	53.4	.9	946.0	255.4	.9	2249.7	
4.0	207.4	56.0	9.0	966.7	261.0	14.0	2281.5	
.1	217.1	58.6	.1	987.5	266.6	.1	2313.4	
.2	227.1	61.3	.2	1008.6	272.3	.2	2345.6	
.3	237.3	64.1	.3	1029.9	278.1	.3	2378.0	
.4	247.7	66.9	.4	1051.4	283.9	.4	2410.7	
.5	258.3	69.8	.5	1073.1	289.8	.5	2443.5	
.6	269.2	72.7	.6	1095.1	295.7	.6	2476.6	
.7	280.3	75.7	.7	1117.3	301.7	.7	2509.9	
.8	291.6	78.7	.8	1139.7	307.7	.8	2543.4	
.9	303.1	81.8	.9	1162.3	313.8	.9	2577.1	
5.0	314.8	85.0	10.0	1185.2	320.0	15.0	2611.1	

TABLE IV Side Slopes 3 : 1
Crown 2 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2645.3	714.2	20.1	4637.9	1252.2	25.1	7186.0	1940.2
.2	2679.7	723.5	.2	4683.4	1264.5	.2	7242.7	1955.5
.3	2714.3	732.9	.3	4729.1	1276.9	.3	7299.5	1970.9
.4	2749.2	742.3	.4	4775.1	1289.3	.4	7356.6	1986.3
.5	2784.3	751.8	.5	4821.3	1301.8	.5	7413.9	2001.8
.6	2819.6	761.3	.6	4867.7	1314.3	.6	7471.4	2017.3
.7	2855.1	770.9	.7	4914.3	1326.9	.7	7529.1	2032.9
.8	2890.8	780.5	.8	4961.2	1339.5	.8	7587.1	2048.5
.9	2926.8	790.2	.9	5008.3	1352.2	.9	7645.3	2064.2
16.0	2963.0	800.0	21.0	5055.6	1365.0	26.0	7703.7	2080.0
.1	2999.4	809.8	.1	5103.1	1377.8	.1	7762.3	2095.8
.2	3036.0	819.7	.2	5150.8	1390.7	.2	7821.2	2111.7
.3	3072.9	829.7	.3	5198.8	1403.7	.3	7880.3	2127.7
.4	3109.9	839.7	.4	5247.0	1416.7	.4	7939.6	2143.7
.5	3147.2	849.8	.5	5295.4	1429.8	.5	7999.1	2159.8
.6	3184.7	859.9	.6	5344.0	1442.9	.6	8058.8	2175.9
.7	3222.5	870.1	.7	5392.9	1456.1	.7	8118.8	2192.1
.8	3260.4	880.3	.8	5441.9	1469.3	.8	8179.0	2208.3
.9	3298.6	890.6	.9	5491.2	1482.6	.9	8239.4	2224.6
17.0	3337.0	901.0	22.0	5540.7	1496.0	27.0	8300.0	2241.0
.1	3375.7	911.4	.1	5590.5	1509.4	.1	8360.9	2257.4
.2	3414.5	921.9	.2	5640.4	1522.9	.2	8421.9	2273.9
.3	3453.6	932.5	.3	5690.6	1536.5	.3	8483.2	2290.5
.4	3492.9	943.1	.4	5741.0	1550.1	.4	8544.7	2307.1
.5	3532.4	953.8	.5	5791.7	1563.8	.5	8606.5	2323.8
.6	3572.1	964.5	.6	5842.5	1577.5	.6	8668.4	2340.5
.7	3612.1	975.3	.7	5893.6	1591.3	.7	8730.6	2357.3
.8	3652.3	986.1	.8	5944.9	1605.1	.8	8793.0	2374.1
.9	3692.7	997.0	.9	5996.4	1619.0	.9	8855.7	2391.0
18.0	3733.3	1008.0	23.0	6048.1	1633.0	28.0	8918.5	2408.0
.1	3774.2	1019.0	.1	6100.1	1647.0	.1	8981.6	2425.0
.2	3815.3	1030.1	.2	6152.3	1661.1	.2	9044.9	2442.1
.3	3856.6	1041.3	.3	6204.7	1675.3	.3	9108.4	2459.3
.4	3898.1	1052.5	.4	6257.3	1689.5	.4	9172.1	2476.5
.5	3939.8	1063.8	.5	6310.2	1703.8	.5	9236.1	2493.8
.6	3981.8	1075.1	.6	6363.3	1718.1	.6	9300.3	2511.1
.7	4024.0	1086.5	.7	6416.6	1732.5	.7	9364.7	2528.5
.8	4066.4	1097.9	.8	6470.1	1746.9	.8	9429.3	2545.9
.9	4109.0	1109.4	.9	6523.8	1761.4	.9	9494.2	2563.4
19.0	4151.9	1121.0	24.0	6577.8	1776.0	29.0	9559.3	2581.0
.1	4194.9	1132.6	.1	6632.0	1790.6	.1	9624.6	2598.6
.2	4238.2	1144.3	.2	6686.4	1805.3	.2	9690.1	2616.3
.3	4281.7	1156.1	.3	6741.0	1820.1	.3	9755.8	2634.1
.4	4325.5	1167.9	.4	6795.9	1834.9	.4	9821.8	2651.9
.5	4369.4	1179.8	.5	6850.9	1849.8	.5	9888.0	2669.8
.6	4413.6	1191.7	.6	6906.2	1864.7	.6	9954.4	2687.7
.7	4458.0	1203.7	.7	6961.7	1879.7	.7	10021.0	2705.7
.8	4502.7	1215.7	.8	7017.5	1894.7	.8	10087.9	2723.7
.9	4547.5	1227.8	.9	7073.4	1909.8	.9	10154.9	2741.8
20.0	4592.6	1240.0	25.0	7129.6	1925.0	30.0	10222.2	2760.0

TABLE IV Side Slopes 3 : 1
Crown 3 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.22	0.330	5.1	345.7	93.3	10.1	1245.7	336.3
.2	2.67	0.720	.2	358.2	96.7	.2	1269.3	342.7
.3	4.33	1.17	.3	371.0	100.2	.3	1293.2	349.2
.4	6.22	1.68	.4	384.0	103.7	.4	1317.3	355.7
.5	8.3	2.25	.5	397.2	107.3	.5	1341.7	362.3
.6	10.7	2.88	.6	410.7	110.9	.6	1366.2	368.9
.7	13.2	3.57	.7	424.3	114.6	.7	1391.0	375.6
.8	16.0	4.32	.8	438.2	118.3	.8	1416.0	382.3
.9	19.0	5.13	.9	452.3	122.1	.9	1441.2	389.1
1.0	22.2	6.0	6.0	466.7	126.0	11.0	1466.7	396.0
.1	25.7	6.9	.1	481.2	129.9	.1	1492.3	402.9
.2	29.3	7.9	.2	496.0	133.9	.2	1518.2	409.9
.3	33.2	9.0	.3	511.0	138.0	.3	1544.3	417.0
.4	37.3	10.1	.4	526.2	142.1	.4	1570.7	424.1
.5	41.7	11.3	.5	541.7	146.3	.5	1597.2	431.3
.6	46.2	12.5	.6	557.3	150.5	.6	1624.0	438.5
.7	51.0	13.8	.7	573.2	154.8	.7	1651.0	445.8
.8	56.0	15.1	.8	589.3	159.1	.8	1678.2	453.1
.9	61.2	16.5	.9	605.7	163.5	.9	1705.7	460.5
2.0	66.7	18.0	7.0	622.2	168.0	12.0	1733.3	468.0
.1	72.3	19.5	.1	639.0	172.5	.1	1761.2	475.5
.2	78.2	21.1	.2	656.0	177.1	.2	1789.3	483.1
.3	84.3	22.8	.3	673.2	181.8	.3	1817.7	490.8
.4	90.7	24.5	.4	690.7	186.5	.4	1846.2	498.5
.5	97.2	26.3	.5	708.3	191.3	.5	1875.0	506.3
.6	104.0	28.1	.6	726.2	196.1	.6	1904.0	514.1
.7	111.0	30.0	.7	744.3	201.0	.7	1933.2	522.0
.8	118.2	31.9	.8	762.7	205.9	.8	1962.7	529.9
.9	125.7	33.9	.9	781.2	210.9	.9	1992.3	537.9
3.0	133.3	36.0	8.0	800.0	216.0	13.0	2022.2	546.0
.1	141.2	38.1	.1	819.0	221.1	.1	2052.3	554.1
.2	149.3	40.3	.2	838.2	226.3	.2	2082.7	562.3
.3	157.7	42.6	.3	857.7	231.6	.3	2113.2	570.6
.4	166.2	44.9	.4	877.3	236.9	.4	2144.0	578.9
.5	175.0	47.3	.5	897.2	242.3	.5	2175.0	587.3
.6	184.0	49.7	.6	917.3	247.7	.6	2206.2	595.7
.7	193.2	52.2	.7	937.7	253.2	.7	2237.7	604.2
.8	202.7	54.7	.8	958.2	258.7	.8	2269.3	612.7
.9	212.3	57.3	.9	979.0	264.3	.9	2301.2	621.3
4.0	222.2	60.0	9.0	1000.0	270.0	14.0	2333.3	630.0
.1	232.3	62.7	.1	1021.2	275.7	.1	2365.7	638.7
.2	242.7	65.5	.2	1042.7	281.5	.2	2398.2	647.5
.3	253.2	68.4	.3	1064.3	287.4	.3	2431.0	656.4
.4	264.0	71.3	.4	1086.2	293.3	.4	2464.0	665.3
.5	275.0	74.3	.5	1108.3	299.3	.5	2497.2	674.3
.6	286.2	77.3	.6	1130.7	305.3	.6	2530.7	683.3
.7	297.7	80.4	.7	1153.2	311.4	.7	2564.3	692.4
.8	309.3	83.5	.8	1176.0	317.5	.8	2598.2	701.5
.9	321.2	86.7	.9	1199.0	323.7	.9	2632.3	710.7
5.0	333.3	90.0	10.0	1222.2	330.0	15.0	2666.7	720.0

TABLE IV Side Slopes 3 : 1
Crown 3 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2701.2	729.3	20.1	4712.3	1272.3	25.1	7279.0	1965.3
.2	2736.0	738.7	.2	4758.2	1284.7	.2	7336.0	1980.7
.3	2771.0	748.2	.3	4804.3	1297.2	.3	7393.2	1996.2
.4	2806.2	757.7	.4	4850.7	1309.7	.4	7450.7	2011.7
.5	2841.7	767.3	.5	4897.2	1322.3	.5	7508.3	2027.3
.6	2877.3	776.9	.6	4944.0	1334.9	.6	7566.2	2042.9
.7	2913.2	786.6	.7	4991.0	1347.6	.7	7624.3	2058.6
.8	2949.3	796.3	.8	5038.2	1360.3	.8	7682.7	2074.3
.9	2985.7	806.1	.9	5085.7	1373.1	.9	7741.2	2090.1
16.0	3022.2	816.0	21.0	5133.3	1386.0	26.0	7800.0	2106.0
.1	3059.0	825.9	.1	5181.2	1398.9	.1	7859.0	2121.9
.2	3096.0	835.9	.2	5229.3	1411.9	.2	7918.2	2137.9
.3	3133.2	846.0	.3	5277.7	1425.0	.3	7977.7	2154.0
.4	3170.7	856.1	.4	5326.2	1438.1	.4	8037.3	2170.1
.5	3208.3	866.3	.5	5375.0	1451.3	.5	8097.2	2186.3
.6	3246.2	876.5	.6	5424.0	1464.5	.6	8157.3	2202.5
.7	3284.3	886.8	.7	5473.2	1477.8	.7	8217.7	2218.8
.8	3322.7	897.1	.8	5522.7	1491.1	.8	8278.2	2235.1
.9	3361.2	907.5	.9	5572.3	1504.5	.9	8339.0	2251.5
17.0	3400.0	918.0	22.0	5622.2	1518.0	27.0	8400.0	2268.0
.1	3439.0	928.5	.1	5672.3	1531.5	.1	8461.2	2284.5
.2	3478.2	939.1	.2	5722.7	1545.1	.2	8522.7	2301.1
.3	3517.7	949.8	.3	5773.2	1558.8	.3	8584.3	2317.8
.4	3557.3	960.5	.4	5824.0	1572.5	.4	8646.2	2334.5
.5	3597.2	971.3	.5	5875.0	1586.3	.5	8708.3	2351.3
.6	3637.3	982.1	.6	5926.2	1600.1	.6	8770.7	2368.1
.7	3677.7	993.0	.7	5977.7	1614.0	.7	8833.2	2385.0
.8	3718.2	1003.9	.8	6029.3	1627.9	.8	8896.0	2401.9
.9	3759.0	1014.9	.9	6081.2	1641.9	.9	8959.0	2418.9
18.0	3800.0	1026.0	23.0	6133.3	1656.0	28.0	9022.2	2436.0
.1	3841.2	1037.1	.1	6185.7	1670.1	.1	9085.7	2453.1
.2	3882.7	1048.3	.2	6238.2	1684.3	.2	9149.3	2470.3
.3	3924.3	1059.6	.3	6291.0	1698.6	.3	9213.2	2487.6
.4	3966.2	1070.9	.4	6344.0	1712.9	.4	9277.3	2504.9
.5	4008.3	1082.3	.5	6397.2	1727.3	.5	9341.7	2522.3
.6	4050.7	1093.7	.6	6450.7	1741.7	.6	9406.2	2539.7
.7	4093.2	1105.2	.7	6504.3	1756.2	.7	9471.0	2557.2
.8	4136.0	1116.7	.8	6558.2	1770.7	.8	9536.0	2574.7
.9	4179.0	1128.3	.9	6612.3	1785.3	.9	9601.2	2592.3
19.0	4222.2	1140.0	24.0	6666.7	1800.0	29.0	9666.7	2610.0
.1	4265.7	1151.7	.1	6721.2	1814.7	.1	9732.3	2627.7
.2	4309.3	1163.5	.2	6776.0	1829.5	.2	9798.2	2645.5
.3	4353.2	1175.4	.3	6831.0	1844.4	.3	9864.3	2663.4
.4	4397.3	1187.3	.4	6886.2	1859.3	.4	9930.7	2681.3
.5	4441.7	1199.3	.5	6941.7	1874.3	.5	9997.2	2699.3
.6	4486.2	1211.3	.6	6997.3	1889.3	.6	10064.0	2717.3
.7	4531.0	1223.4	.7	7053.2	1904.4	.7	10131.0	2735.4
.8	4576.0	1235.5	.8	7109.3	1919.5	.8	10198.2	2753.5
.9	4621.2	1247.7	.9	7165.7	1934.7	.9	10265.7	2771.7
20.0	4666.7	1260.0	25.0	7222.2	1950.0	30.0	10333.3	2790.0

TABLE IV Side Slopes 3 : 1
Crown 4 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.59	0.430	5.1	364.6	98.4	10.1	1283.1	346.4
.2	3.41	0.920	.2	377.5	101.9	.2	1307.1	352.9
.3	5.44	1.47	.3	390.6	105.5	.3	1331.4	359.5
.4	7.7	2.08	.4	404.0	109.1	.4	1355.9	366.1
.5	10.2	2.75	.5	417.6	112.8	.5	1380.6	372.8
.6	12.9	3.48	.6	431.4	116.5	.6	1405.5	379.5
.7	15.8	4.27	.7	445.4	120.3	.7	1430.6	386.3
.8	19.0	5.12	.8	459.7	124.1	.8	1456.0	393.1
.9	22.3	6.0	.9	474.2	128.0	.9	1481.6	400.0
1.0	25.9	7.0	6.0	488.9	132.0	11.0	1507.4	407.0
.1	29.7	8.0	.1	503.8	136.0	.1	1533.4	414.0
.2	33.8	9.1	.2	519.0	140.1	.2	1559.7	421.1
.3	38.0	10.3	.3	534.3	144.3	.3	1586.2	428.3
.4	42.5	11.5	.4	549.9	148.5	.4	1612.9	435.5
.5	47.2	12.8	.5	565.7	152.8	.5	1639.8	442.8
.6	52.1	14.1	.6	581.8	157.1	.6	1667.0	450.1
.7	57.3	15.5	.7	598.0	161.5	.7	1694.3	457.5
.8	62.7	16.9	.8	614.5	165.9	.8	1721.9	464.9
.9	68.3	18.4	.9	631.2	170.4	.9	1749.7	472.4
2.0	74.1	20.0	7.0	648.1	175.0	12.0	1777.8	480.0
.1	80.1	21.6	.1	665.3	179.6	.1	1806.0	487.6
.2	86.4	23.3	.2	682.7	184.3	.2	1834.5	495.3
.3	92.9	25.1	.3	700.3	189.1	.3	1863.2	503.1
.4	99.6	26.9	.4	718.1	193.9	.4	1892.1	510.9
.5	106.5	28.8	.5	736.1	198.8	.5	1921.3	518.8
.6	113.6	30.7	.6	754.4	203.7	.6	1950.7	526.7
.7	121.0	32.7	.7	772.9	208.7	.7	1980.3	534.7
.8	128.6	34.7	.8	791.6	213.7	.8	2010.1	542.7
.9	136.4	36.8	.9	810.5	218.8	.9	2040.1	550.8
3.0	144.4	39.0	8.0	829.6	224.0	13.0	2070.4	559.0
.1	152.7	41.2	.1	849.0	229.2	.1	2100.9	567.2
.2	161.2	43.5	.2	868.6	234.5	.2	2131.6	575.5
.3	169.9	45.9	.3	888.4	239.9	.3	2162.5	583.9
.4	178.8	48.3	.4	908.4	245.3	.4	2193.6	592.3
.5	188.0	50.8	.5	928.7	250.8	.5	2225.0	600.8
.6	197.3	53.3	.6	949.2	256.3	.6	2256.6	609.3
.7	206.9	55.9	.7	969.9	261.9	.7	2288.4	617.9
.8	216.7	58.5	.8	990.8	267.5	.8	2320.4	626.5
.9	226.8	61.2	.9	1012.0	273.2	.9	2352.7	635.2
4.0	237.0	64.0	9.0	1033.3	279.0	14.0	2385.2	644.0
.1	247.5	66.8	.1	1054.9	284.8	.1	2417.9	652.8
.2	258.2	69.7	.2	1076.7	290.7	.2	2450.8	661.7
.3	269.1	72.7	.3	1098.8	296.7	.3	2484.0	670.7
.4	280.3	75.7	.4	1121.0	302.7	.4	2517.3	679.7
.5	291.7	78.8	.5	1143.5	308.8	.5	2550.9	688.8
.6	303.3	81.9	.6	1166.2	314.9	.6	2584.7	697.9
.7	315.1	85.1	.7	1189.1	321.1	.7	2618.8	707.1
.8	327.1	88.3	.8	1212.3	327.3	.8	2653.0	716.3
.9	339.4	91.6	.9	1235.7	333.6	.9	2687.5	725.6
5.0	351.9	95.0	10.0	1259.3	340.0	15.0	2722.2	735.0

TABLE IV Side Slopes 3 : 1
Crown 4 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2757.1	744.4	20.1	4786.8	1292.4	25.1	7372.0	1990.4
.2	2792.3	753.9	.2	4833.0	1304.9	.2	7429.3	2005.9
.3	2827.7	763.5	.3	4879.5	1317.5	.3	7486.9	2021.5
.4	2863.3	773.1	.4	4926.2	1330.1	.4	7544.7	2037.1
.5	2899.1	782.8	.5	4973.1	1342.8	.5	7602.8	2052.8
.6	2935.1	792.5	.6	5020.3	1355.5	.6	7661.0	2068.5
.7	2971.4	802.3	.7	5067.7	1368.3	.7	7719.5	2084.3
.8	3007.9	812.1	.8	5115.3	1381.1	.8	7778.2	2100.1
.9	3044.6	822.0	.9	5163.1	1394.0	.9	7837.1	2116.0
16.0	3081.5	832.0	21.0	5211.1	1407.0	26.0	7896.3	2132.0
.1	3118.6	842.0	.1	5259.4	1420.0	.1	7955.7	2148.0
.2	3156.0	852.1	.2	5307.9	1433.1	.2	8015.3	2164.1
.3	3193.6	862.3	.3	5356.6	1446.3	.3	8075.1	2180.3
.4	3231.4	872.5	.4	5405.5	1459.5	.4	8135.1	2196.5
.5	3269.4	882.8	.5	5454.6	1472.8	.5	8195.4	2212.8
.6	3307.7	893.1	.6	5504.0	1486.1	.6	8255.9	2229.1
.7	3346.2	903.5	.7	5553.6	1499.5	.7	8316.6	2245.5
.8	3384.9	913.9	.8	5603.4	1512.9	.8	8377.5	2261.9
.9	3423.8	924.4	.9	5653.4	1526.4	.9	8438.6	2278.4
17.0	3463.0	935.0	22.0	5703.7	1540.0	27.0	8500.0	2295.0
.1	3502.3	945.6	.1	5754.2	1553.6	.1	8561.6	2311.6
.2	3541.9	956.3	.2	5804.9	1567.3	.2	8623.4	2328.3
.3	3581.7	967.1	.3	5855.8	1581.1	.3	8685.4	2345.1
.4	3621.8	977.9	.4	5907.0	1594.9	.4	8747.7	2361.9
.5	3662.0	988.8	.5	5958.3	1608.8	.5	8810.2	2378.8
.6	3702.5	999.7	.6	6009.9	1622.7	.6	8872.9	2395.7
.7	3743.2	1010.7	.7	6061.7	1636.7	.7	8935.8	2412.7
.8	3784.1	1021.7	.8	6113.8	1650.7	.8	8999.0	2429.7
.9	3825.3	1032.8	.9	6166.0	1664.8	.9	9062.3	2446.8
18.0	3866.7	1044.0	23.0	6218.5	1679.0	28.0	9125.9	2464.0
.1	3908.3	1055.2	.1	6271.2	1693.2	.1	9189.7	2481.2
.2	3950.1	1066.5	.2	6324.1	1707.5	.2	9253.8	2498.5
.3	3992.1	1077.9	.3	6377.3	1721.9	.3	9318.0	2515.9
.4	4034.4	1089.3	.4	6430.7	1736.3	.4	9382.5	2533.3
.5	4076.9	1100.8	.5	6484.3	1750.8	.5	9447.2	2550.8
.6	4119.6	1112.3	.6	6538.1	1765.3	.6	9512.1	2568.3
.7	4162.5	1123.9	.7	6592.1	1779.9	.7	9577.3	2585.9
.8	4205.6	1135.5	.8	6646.4	1794.5	.8	9642.7	2603.5
.9	4249.0	1147.2	.9	6700.9	1809.2	.9	9708.3	2621.2
19.0	4292.6	1159.0	24.0	6755.6	1824.0	29.0	9774.1	2639.0
.1	4336.4	1170.8	.1	6810.5	1838.8	.1	9840.1	2656.8
.2	4380.4	1182.7	.2	6865.6	1853.7	.2	9906.4	2674.7
.3	4424.7	1194.7	.3	6921.0	1868.7	.3	9972.9	2692.7
.4	4469.2	1206.7	.4	6976.6	1883.7	.4	10039.6	2710.7
.5	4513.9	1218.8	.5	7032.4	1898.8	.5	10106.5	2728.8
.6	4558.8	1230.9	.6	7088.4	1913.9	.6	10173.6	2746.9
.7	4604.0	1243.1	.7	7144.7	1929.1	.7	10241.0	2765.1
.8	4649.3	1255.3	.8	7201.2	1944.3	.8	10308.6	2783.3
.9	4694.9	1267.6	.9	7257.9	1959.6	.9	10376.4	2801.6
20.0	4740.7	1280.0	25.0	7314.8	1975.0	30.0	10444.4	2820.0

TABLE IV Side Slopes 3 : 1
Crown 4 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.59	0.430	5.1	364.6	98.4	10.1	1283.1	346.4
.2	3.41	0.920	.2	377.5	101.9	.2	1307.1	352.9
.3	5.44	1.47	.3	390.6	105.5	.3	1331.4	359.5
.4	7.7	2.08	.4	404.0	109.1	.4	1355.9	366.1
.5	10.2	2.75	.5	417.6	112.8	.5	1380.6	372.8
.6	12.9	3.48	.6	431.4	116.5	.6	1405.5	379.5
.7	15.8	4.27	.7	445.4	120.3	.7	1430.6	386.3
.8	19.0	5.12	.8	459.7	124.1	.8	1456.0	393.1
.9	22.3	6.0	.9	474.2	128.0	.9	1481.6	400.0
1.0	25.9	7.0	6.0	488.9	132.0	11.0	1507.4	407.0
.1	29.7	8.0	.1	503.8	136.0	.1	1533.4	414.0
.2	33.8	9.1	.2	519.0	140.1	.2	1559.7	421.1
.3	38.0	10.3	.3	534.3	144.3	.3	1586.2	428.3
.4	42.5	11.5	.4	549.9	148.5	.4	1612.9	435.5
.5	47.2	12.8	.5	565.7	152.8	.5	1639.8	442.8
.6	52.1	14.1	.6	581.8	157.1	.6	1667.0	450.1
.7	57.3	15.5	.7	598.0	161.5	.7	1694.3	457.5
.8	62.7	16.9	.8	614.5	165.9	.8	1721.9	464.9
.9	68.3	18.4	.9	631.2	170.4	.9	1749.7	472.4
2.0	74.1	20.0	7.0	648.1	175.0	12.0	1777.8	480.0
.1	80.1	21.6	.1	665.3	179.6	.1	1806.0	487.6
.2	86.4	23.3	.2	682.7	184.3	.2	1834.5	495.3
.3	92.9	25.1	.3	700.3	189.1	.3	1863.2	503.1
.4	99.6	26.9	.4	718.1	193.9	.4	1892.1	510.9
.5	106.5	28.8	.5	736.1	198.8	.5	1921.3	518.8
.6	113.6	30.7	.6	754.4	203.7	.6	1950.7	526.7
.7	121.0	32.7	.7	772.9	208.7	.7	1980.3	534.7
.8	128.6	34.7	.8	791.6	213.7	.8	2010.1	542.7
.9	136.4	36.8	.9	810.5	218.8	.9	2040.1	550.8
3.0	144.4	39.0	8.0	829.6	224.0	13.0	2070.4	559.0
.1	152.7	41.2	.1	849.0	229.2	.1	2100.9	567.2
.2	161.2	43.5	.2	868.6	234.5	.2	2131.6	575.5
.3	169.9	45.9	.3	888.4	239.9	.3	2162.5	583.9
.4	178.8	48.3	.4	908.4	245.3	.4	2193.6	592.3
.5	188.0	50.8	.5	928.7	250.8	.5	2225.0	600.8
.6	197.3	53.3	.6	949.2	256.3	.6	2256.6	609.3
.7	206.9	55.9	.7	969.9	261.9	.7	2288.4	617.9
.8	216.7	58.5	.8	990.8	267.5	.8	2320.4	626.5
.9	226.8	61.2	.9	1012.0	273.2	.9	2352.7	635.2
4.0	237.0	64.0	9.0	1033.3	279.0	14.0	2385.2	644.0
.1	247.5	66.8	.1	1054.9	284.8	.1	2417.9	652.8
.2	258.2	69.7	.2	1076.7	290.7	.2	2450.8	661.7
.3	269.1	72.7	.3	1098.8	296.7	.3	2484.0	670.7
.4	280.3	75.7	.4	1121.0	302.7	.4	2517.3	679.7
.5	291.7	78.8	.5	1143.5	308.8	.5	2550.9	688.8
.6	303.3	81.9	.6	1166.2	314.9	.6	2584.7	697.9
.7	315.1	85.1	.7	1189.1	321.1	.7	2618.8	707.1
.8	327.1	88.3	.8	1212.3	327.3	.8	2653.0	716.3
.9	339.4	91.6	.9	1235.7	333.6	.9	2687.5	725.6
5.0	351.9	95.0	10.0	1259.3	340.0	15.0	2722.2	735.0

TABLE IV Side Slopes 3 : 1
Crown 5 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2813.1	759.5	20.1	4861.2	1312.5	25.1	7464.9	2015.5
.2	2848.6	769.1	.2	4907.9	1325.1	.2	7522.7	2031.1
.3	2884.3	778.8	.3	4954.7	1337.8	.3	7580.6	2046.8
.4	2920.3	788.5	.4	5001.8	1350.5	.4	7638.8	2062.5
.5	2956.5	798.3	.5	5049.1	1363.3	.5	7697.2	2078.3
.6	2992.9	808.1	.6	5096.6	1376.1	.6	7755.9	2094.1
.7	3029.5	818.0	.7	5144.3	1389.0	.7	7814.7	2110.0
.8	3066.4	827.9	.8	5192.3	1401.9	.8	7873.8	2125.9
.9	3103.4	837.9	.9	5240.5	1414.9	.9	7933.1	2141.9
16.0	3140.7	848.0	21.0	5288.9	1428.0	26.0	7992.6	2158.0
.1	3178.3	858.1	.1	5337.5	1441.1	.1	8052.3	2174.1
.2	3216.0	868.3	.2	5386.4	1454.3	.2	8112.3	2190.3
.3	3254.0	878.6	.3	5435.4	1467.6	.3	8172.5	2206.6
.4	3292.1	888.9	.4	5484.7	1480.9	.4	8232.9	2222.9
.5	3330.6	899.3	.5	5534.3	1494.3	.5	8293.5	2239.3
.6	3369.2	909.7	.6	5584.0	1507.7	.6	8354.4	2255.7
.7	3408.0	920.2	.7	5634.0	1521.2	.7	8415.4	2272.2
.8	3447.1	930.7	.8	5684.1	1534.7	.8	8476.7	2288.7
.9	3486.4	941.3	.9	5734.6	1548.3	.9	8538.3	2305.3
17.0	3525.9	952.0	22.0	5785.2	1562.0	27.0	8600.0	2322.0
.1	3565.7	962.7	.1	5836.0	1575.7	.1	8662.0	2338.7
.2	3605.6	973.5	.2	5887.1	1589.5	.2	8724.1	2355.5
.3	3645.8	984.4	.3	5938.4	1603.4	.3	8786.6	2372.4
.4	3686.2	995.3	.4	5989.9	1617.3	.4	8849.2	2389.3
.5	3726.9	1006.3	.5	6041.7	1631.3	.5	8912.0	2406.3
.6	3767.7	1017.3	.6	6093.6	1645.3	.6	8975.1	2423.3
.7	3808.8	1028.4	.7	6145.8	1659.4	.7	9038.4	2440.4
.8	3850.1	1039.5	.8	6198.2	1673.5	.8	9101.9	2457.5
.9	3891.6	1050.7	.9	6250.9	1687.7	.9	9165.7	2474.7
18.0	3933.3	1062.0	23.0	6303.7	1702.0	28.0	9229.6	2492.0
.1	3975.3	1073.3	.1	6356.8	1716.3	.1	9293.8	2509.3
.2	4017.5	1084.7	.2	6410.1	1730.7	.2	9358.2	2526.7
.3	4059.9	1096.2	.3	6463.6	1745.2	.3	9422.9	2544.2
.4	4102.5	1107.7	.4	6517.3	1759.7	.4	9487.7	2561.7
.5	4145.4	1119.3	.5	6571.3	1774.3	.5	9552.8	2579.3
.6	4188.4	1130.9	.6	6625.5	1788.9	.6	9618.1	2596.9
.7	4231.7	1142.6	.7	6679.9	1803.6	.7	9683.6	2614.6
.8	4275.3	1154.3	.8	6734.5	1818.3	.8	9749.3	2632.3
.9	4319.0	1166.1	.9	6789.4	1833.1	.9	9815.3	2650.1
19.0	4363.0	1178.0	24.0	6844.4	1848.0	29.0	9881.5	2668.0
.1	4407.1	1189.9	.1	6899.7	1862.9	.1	9947.9	2685.9
.2	4451.6	1201.9	.2	6955.3	1877.9	.2	10014.5	2703.9
.3	4496.2	1214.0	.3	7011.0	1893.0	.3	10081.4	2722.0
.4	4541.0	1226.1	.4	7067.0	1908.1	.4	10148.4	2740.1
.5	4586.1	1238.3	.5	7123.1	1923.3	.5	10215.7	2758.3
.6	4631.4	1250.5	.6	7179.6	1938.5	.6	10283.3	2776.5
.7	4676.9	1262.8	.7	7236.2	1953.8	.7	10351.0	2794.8
.8	4722.7	1275.1	.8	7293.0	1969.1	.8	10419.0	2813.1
.9	4768.6	1287.5	.9	7350.1	1984.5	.9	10487.1	2831.5
20.0	4814.8	1300.0	25.0	7407.4	2000.0	30.0	10555.6	2850.0

TABLE IV Side Slopes 3 : 1
Crown 6 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	2.33	0.63	5.1	402.3	108.6	10.1	1357.9	366.6
.2	4.89	1.32	.2	416.0	112.3	.2	1382.7	373.3
.3	7.67	2.07	.3	429.9	116.1	.3	1407.7	380.1
.4	10.7	2.88	.4	444.0	119.9	.4	1432.9	386.9
.5	13.9	3.75	.5	458.3	123.8	.5	1458.3	393.8
.6	17.3	4.68	.6	472.9	127.7	.6	1484.0	400.7
.7	21.0	5.67	.7	487.7	131.7	.7	1509.9	404.7
.8	24.9	6.7	.8	502.7	135.7	.8	1536.0	414.7
.9	29.0	7.8	.9	517.9	139.8	.9	1562.3	421.8
1.0	33.3	9.0	6.0	533.3	144.0	11.0	1588.9	429.0
.1	37.9	10.2	.1	549.0	148.2	.1	1615.7	436.2
.2	42.7	11.5	.2	564.9	152.5	.2	1642.7	443.5
.3	47.7	12.9	.3	581.0	156.9	.3	1669.9	450.9
.4	52.9	14.3	.4	597.3	161.3	.4	1697.3	458.3
.5	58.3	15.8	.5	613.9	165.8	.5	1725.0	465.8
.6	64.0	17.3	.6	630.7	170.3	.6	1752.9	473.3
.7	69.9	18.9	.7	647.7	174.9	.7	1781.0	480.9
.8	76.0	20.5	.8	664.9	179.5	.8	1809.3	488.5
.9	82.3	22.2	.9	682.3	184.2	.9	1837.9	496.2
2.0	88.9	24.0	7.0	700.0	189.0	12.0	1866.7	504.0
.1	95.7	25.8	.1	717.9	193.8	.1	1895.7	511.8
.2	102.7	27.7	.2	736.0	198.7	.2	1924.9	519.7
.3	109.9	29.7	.3	754.3	203.7	.3	1954.3	527.7
.4	117.3	31.7	.4	772.9	208.7	.4	1984.0	535.7
.5	125.0	33.8	.5	791.7	213.8	.5	2013.9	543.8
.6	132.9	35.9	.6	810.7	218.9	.6	2044.0	551.9
.7	141.0	38.1	.7	829.9	224.1	.7	2074.3	560.1
.8	149.3	40.3	.8	849.3	229.3	.8	2104.9	568.3
.9	157.9	42.6	.9	869.0	234.6	.9	2135.7	576.6
3.0	166.7	45.0	8.0	888.9	240.0	13.0	2166.7	585.0
.1	175.7	47.4	.1	909.0	245.4	.1	2197.9	593.4
.2	184.9	49.9	.2	929.3	250.9	.2	2229.3	601.9
.3	194.3	52.5	.3	949.9	256.5	.3	2261.0	610.5
.4	204.0	55.1	.4	970.7	262.1	.4	2292.9	619.1
.5	213.9	57.8	.5	991.7	267.8	.5	2325.0	627.8
.6	224.0	60.5	.6	1012.9	273.5	.6	2357.3	636.5
.7	234.3	63.3	.7	1034.3	279.3	.7	2389.9	645.3
.8	244.9	66.1	.8	1056.0	285.1	.8	2422.7	654.1
.9	255.7	69.0	.9	1077.9	291.0	.9	2455.7	663.0
4.0	266.7	72.0	9.0	1100.0	297.0	14.0	2488.9	672.0
.1	277.9	75.0	.1	1122.3	303.0	.1	2522.3	681.0
.2	289.3	78.1	.2	1144.9	309.1	.2	2556.0	690.1
.3	301.0	81.3	.3	1167.7	315.3	.3	2589.9	699.3
.4	312.9	84.5	.4	1190.7	321.5	.4	2624.0	708.5
.5	325.0	87.8	.5	1213.9	327.8	.5	2658.3	717.8
.6	337.3	91.1	.6	1237.3	334.1	.6	2692.9	727.1
.7	349.9	94.5	.7	1261.0	340.5	.7	2727.7	736.5
.8	362.7	97.9	.8	1284.9	346.9	.8	2762.7	745.9
.9	375.7	101.4	.9	1309.0	353.4	.9	2797.9	755.4
5.0	388.9	105.0	10.0	1333.3	360.0	15.0	2833.3	765.0

TABLE IV Side Slopes 3 : 1
Crown 6 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2869.0	774.6	20.1	4935.7	1332.6	25.1	7557.9	2040.6
.2	2904.9	784.3	.2	4982.7	1345.3	.2	7616.0	2056.3
.3	2941.0	794.1	.3	5029.9	1358.1	.3	7674.3	2072.1
.4	2977.3	803.9	.4	5077.3	1370.9	.4	7732.9	2087.9
.5	3013.9	813.8	.5	5125.0	1383.8	.5	7791.7	2103.8
.6	3050.7	823.7	.6	5172.9	1396.7	.6	7850.7	2119.7
.7	3087.7	833.7	.7	5221.0	1409.7	.7	7909.9	2135.7
.8	3124.9	843.7	.8	5269.3	1422.7	.8	7969.3	2151.7
.9	3162.3	853.8	.9	5317.9	1435.8	.9	8029.0	2167.8
16.0	3200.0	864.0	21.0	5366.7	1449.0	26.0	8088.9	2184.0
.1	3237.9	874.2	.1	5415.7	1462.2	.1	8149.0	2200.2
.2	3276.0	884.5	.2	5464.9	1475.5	.2	8209.3	2216.5
.3	3314.3	894.9	.3	5514.3	1488.9	.3	8269.9	2232.9
.4	3352.9	905.3	.4	5564.0	1502.3	.4	8330.7	2249.3
.5	3391.7	915.8	.5	5613.9	1515.8	.5	8391.7	2265.8
.6	3430.7	926.3	.6	5664.0	1529.3	.6	8452.9	2282.3
.7	3469.9	936.9	.7	5714.3	1542.9	.7	8514.3	2298.9
.8	3509.3	947.5	.8	5764.9	1556.5	.8	8576.0	2315.5
.9	3549.0	958.2	.9	5815.7	1570.2	.9	8637.9	2332.2
17.0	3588.9	969.0	22.0	5866.7	1584.0	27.0	8700.0	2349.0
.1	3629.0	979.8	.1	5917.9	1597.8	.1	8762.3	2365.8
.2	3669.3	990.7	.2	5969.3	1611.7	.2	8824.9	2382.7
.3	3709.9	1001.7	.3	6021.0	1625.7	.3	8887.7	2399.7
.4	3750.7	1012.7	.4	6072.9	1639.7	.4	8950.7	2416.7
.5	3791.7	1023.8	.5	6125.0	1653.8	.5	9013.9	2433.8
.6	3832.9	1034.9	.6	6177.3	1667.9	.6	9077.3	2450.9
.7	3874.3	1046.1	.7	6229.9	1682.1	.7	9141.0	2468.1
.8	3916.0	1057.3	.8	6282.7	1696.3	.8	9204.9	2485.3
.9	3957.9	1068.6	.9	6335.7	1710.6	.9	9269.0	2502.6
18.0	4000.0	1080.0	23.0	6388.9	1725.0	28.0	9333.3	2520.0
.1	4042.3	1091.4	.1	6442.3	1739.4	.1	9397.9	2537.4
.2	4084.9	1102.9	.2	6496.0	1753.9	.2	9462.7	2554.9
.3	4127.7	1114.5	.3	6549.9	1768.5	.3	9527.7	2572.5
.4	4170.7	1126.1	.4	6604.0	1783.1	.4	9592.9	2590.1
.5	4213.9	1137.8	.5	6658.3	1797.8	.5	9658.3	2607.8
.6	4257.3	1149.5	.6	6712.9	1812.5	.6	9724.0	2625.5
.7	4301.0	1161.3	.7	6767.7	1827.3	.7	9789.9	2643.3
.8	4344.9	1173.1	.8	6822.7	1842.1	.8	9856.0	2661.1
.9	4389.0	1185.0	.9	6877.9	1857.0	.9	9922.3	2679.0
19.0	4433.3	1197.0	24.0	6933.3	1872.0	29.0	9988.9	2697.0
.1	4477.9	1209.0	.1	6989.0	1887.0	.1	10055.7	2715.0
.2	4522.7	1221.1	.2	7044.9	1902.1	.2	10122.7	2733.1
.3	4567.7	1233.3	.3	7101.0	1917.3	.3	10189.9	2751.3
.4	4612.9	1245.5	.4	7157.3	1932.5	.4	10257.3	2769.5
.5	4658.3	1257.8	.5	7213.9	1947.8	.5	10325.0	2787.8
.6	4704.0	1270.1	.6	7270.7	1963.1	.6	10392.9	2806.1
.7	4749.9	1282.5	.7	7327.7	1978.5	.7	10461.0	2824.5
.8	4796.0	1294.9	.8	7384.9	1993.9	.8	10529.3	2842.9
.9	4842.3	1307.4	.9	7442.3	2009.4	.9	10597.9	2861.4
20.0	4888.9	1320.0	25.0	7500.0	2025.0	30.0	10666.7	2880.0

TABLE IV Side Slopes 3 : 1
Crown 7 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	2.70	0.73	5.1	421.2	113.7	10.1	1395.3	376.7
.2	5.63	1.52	.2	435.3	117.5	.2	1420.4	383.5
.3	8.8	2.37	.3	449.5	121.4	.3	1445.8	390.4
.4	12.1	3.28	.4	464.0	125.3	.4	1471.4	397.3
.5	15.7	4.25	.5	478.7	129.3	.5	1497.2	404.3
.6	19.6	5.28	.6	493.6	133.3	.6	1523.3	411.3
.7	23.6	6.4	.7	508.8	137.4	.7	1549.5	418.4
.8	27.9	7.5	.8	524.1	141.5	.8	1576.0	425.5
.9	32.3	8.7	.9	539.7	145.7	.9	1602.7	432.7
1.0	37.0	10.0	6.0	555.6	150.0	11.0	1629.6	440.0
.1	42.0	11.3	.1	571.6	154.3	.1	1656.8	447.3
.2	47.1	12.7	.2	587.9	158.7	.2	1684.1	454.7
.3	52.5	14.2	.3	604.3	163.2	.3	1711.7	462.2
.4	58.1	15.7	.4	621.0	167.7	.4	1739.6	469.7
.5	63.9	17.3	.5	638.0	172.3	.5	1767.6	477.3
.6	69.9	18.9	.6	655.1	176.9	.6	1795.9	484.9
.7	76.2	20.6	.7	672.5	181.6	.7	1821.3	492.6
.8	82.7	22.3	.8	690.1	186.3	.8	1853.0	500.3
.9	89.4	24.1	.9	707.9	191.1	.9	1882.0	508.1
2.0	96.3	26.0	7.0	725.9	196.0	12.0	1911.1	516.0
.1	103.4	27.9	.1	744.2	200.9	.1	1940.5	523.9
.2	110.8	29.9	.2	762.7	205.9	.2	1970.1	531.9
.3	118.4	32.0	.3	781.4	211.0	.3	1999.9	540.0
.4	126.2	34.1	.4	800.3	216.1	.4	2029.9	548.1
.5	134.3	36.3	.5	819.4	221.3	.5	2060.2	556.3
.6	142.5	38.5	.6	838.8	226.5	.6	2090.7	564.5
.7	151.0	40.8	.7	858.4	231.8	.7	2121.4	572.8
.8	159.7	43.1	.8	878.2	237.1	.8	2152.3	581.1
.9	168.6	45.5	.9	898.3	242.5	.9	2183.4	589.5
3.0	177.8	48.0	8.0	918.5	248.0	13.0	2214.8	598.0
.1	187.1	50.5	.1	939.0	253.5	.1	2246.4	606.5
.2	196.7	53.1	.2	959.7	259.1	.2	2278.2	615.1
.3	206.6	55.8	.3	980.6	264.8	.3	2310.3	623.8
.4	216.6	58.5	.4	1001.8	270.5	.4	2342.5	632.5
.5	226.9	61.3	.5	1023.1	276.3	.5	2375.0	641.3
.6	237.3	64.1	.6	1044.7	282.1	.6	2407.7	650.1
.7	248.0	67.0	.7	1066.6	288.0	.7	2440.6	659.0
.8	259.0	69.9	.8	1088.6	293.9	.8	2473.8	667.9
.9	270.1	72.9	.9	1110.9	299.9	.9	2507.1	676.9
4.0	281.5	76.0	9.0	1133.3	306.0	14.0	2540.7	686.0
.1	293.1	79.1	.1	1156.0	312.1	.1	2574.6	695.1
.2	304.9	82.3	.2	1179.0	318.3	.2	2608.6	704.3
.3	316.9	85.6	.3	1202.1	324.6	.3	2642.9	713.6
.4	329.2	88.9	.4	1225.5	330.9	.4	2677.3	722.9
.5	341.7	92.3	.5	1249.1	337.3	.5	2712.0	732.3
.6	354.4	95.7	.6	1272.9	343.7	.6	2747.0	741.7
.7	367.3	99.2	.7	1296.9	350.2	.7	2782.1	751.2
.8	380.4	102.7	.8	1321.2	356.7	.8	2817.5	760.7
.9	393.8	106.3	.9	1345.7	363.3	.9	2853.1	770.3
5.0	407.4	110.0	10.0	1370.4	370.0	15.0	2888.9	780.0

TABLE IV Side Slopes 3 : 1
Crown 7 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2924.9	789.7	20.1	5010.1	1352.7	25.1	7650.9	2065.7
.2	2961.2	799.5	.2	5057.5	1365.5	.2	7709.3	2081.5
.3	2997.7	809.4	.3	5105.1	1378.4	.3	7768.0	2097.4
.4	3034.4	819.3	.4	5152.9	1391.3	.4	7827.0	2113.3
.5	3071.3	829.3	.5	5200.9	1404.3	.5	7886.1	2129.3
.6	3108.4	839.3	.6	5249.2	1417.3	.6	7945.5	2145.3
.7	3145.8	849.4	.7	5297.7	1430.4	.7	8005.1	2161.4
.8	3183.4	859.5	.8	5346.4	1443.5	.8	8064.9	2177.5
.9	3221.2	869.7	.9	5395.3	1456.7	.9	8124.9	2193.7
16.0	3259.3	880.0	21.0	5444.4	1470.0	26.0	8185.2	2210.0
.1	3297.5	890.3	.1	5493.8	1483.3	.1	8245.7	2226.3
.2	3336.0	900.7	.2	5543.4	1496.7	.2	8306.4	2242.7
.3	3374.7	911.2	.3	5593.2	1510.2	.3	8367.3	2259.2
.4	3413.6	921.7	.4	5643.3	1523.7	.4	8428.4	2275.7
.5	3452.8	932.3	.5	5693.5	1537.3	.5	8489.8	2292.3
.6	3492.1	942.9	.6	5744.0	1550.9	.6	8551.4	2308.9
.7	3531.7	953.6	.7	5794.7	1564.6	.7	8613.2	2325.6
.8	3571.6	964.3	.8	5845.6	1578.3	.8	8675.3	2342.3
.9	3611.6	975.1	.9	5896.8	1592.1	.9	8737.5	2359.1
17.0	3651.9	986.0	22.0	5948.1	1606.0	27.0	8800.0	2376.0
.1	3692.3	996.9	.1	5999.7	1619.9	.1	8862.7	2392.9
.2	3733.0	1007.9	.2	6051.6	1633.9	.2	8925.6	2409.9
.3	3774.0	1019.0	.3	6103.6	1648.0	.3	8988.8	2427.0
.4	3815.1	1030.1	.4	6155.9	1662.1	.4	9052.1	2444.1
.5	3856.5	1041.3	.5	6208.3	1676.3	.5	9115.7	2461.3
.6	3898.1	1052.5	.6	6261.0	1690.5	.6	9179.6	2478.5
.7	3939.9	1063.8	.7	6314.0	1704.8	.7	9243.6	2495.8
.8	3981.9	1075.1	.8	6367.1	1719.1	.8	9307.9	2513.1
.9	4024.2	1086.5	.9	6420.5	1733.5	.9	9372.3	2530.5
18.0	4066.7	1098.0	23.0	6474.1	1748.0	28.0	9437.0	2548.0
.1	4109.4	1109.5	.1	6527.9	1762.5	.1	9502.0	2565.5
.2	4152.3	1121.1	.2	6581.9	1777.1	.2	9567.1	2583.1
.3	4195.4	1132.8	.3	6636.2	1791.8	.3	9632.5	2600.8
.4	4238.8	1144.5	.4	6690.7	1806.5	.4	9698.1	2618.5
.5	4282.4	1156.3	.5	6745.4	1821.3	.5	9763.9	2636.3
.6	4326.2	1168.1	.6	6800.3	1836.1	.6	9829.9	2654.1
.7	4370.3	1180.0	.7	6855.4	1851.0	.7	9896.2	2672.0
.8	4414.5	1191.9	.8	6910.8	1865.9	.8	9962.7	2689.9
.9	4459.0	1203.9	.9	6966.4	1880.9	.9	10029.4	2707.9
19.0	4503.7	1216.0	24.0	7022.2	1896.0	29.0	10096.3	2726.0
.1	4548.6	1228.1	.1	7078.3	1911.1	.1	10163.4	2744.1
.2	4593.8	1240.3	.2	7134.5	1926.3	.2	10230.8	2762.3
.3	4639.1	1252.6	.3	7191.0	1941.6	.3	10298.4	2780.6
.4	4684.7	1264.9	.4	7247.7	1956.9	.4	10366.2	2798.9
.5	4730.6	1277.3	.5	7304.6	1972.3	.5	10434.3	2817.3
.6	4776.6	1289.7	.6	7361.8	1987.7	.6	10502.5	2835.7
.7	4822.9	1302.2	.7	7419.1	2003.2	.7	10571.0	2854.2
.8	4869.3	1314.7	.8	7476.7	2018.7	.8	10639.7	2872.7
.9	4916.0	1327.3	.9	7534.6	2034.3	.9	10708.6	2891.3
20.0	4963.0	1340.0	25.0	7592.6	2050.0	30.0	10777.8	2910.0

TABLE IV Side Slopes 3 : 1
Crown 8 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.07	0.83	5.1	440.1	118.8	10.1	1432.7	386.8
.2	6.37	1.72	.2	454.5	122.7	.2	1458.2	393.7
.3	9.9	2.67	.3	469.1	126.7	.3	1484.0	400.7
.4	13.6	3.68	.4	484.0	130.7	.4	1509.9	407.7
.5	17.6	4.75	.5	499.1	134.8	.5	1536.1	414.8
.6	21.8	5.88	.6	514.4	138.9	.6	1562.5	421.9
.7	26.2	7.1	.7	529.9	143.1	.7	1589.1	429.1
.8	30.8	8.3	.8	545.6	147.3	.8	1616.0	436.3
.9	35.7	9.6	.9	561.6	151.6	.9	1643.1	443.6
1.0	40.7	11.0	6.0	577.8	156.0	11.0	1670.4	451.0
.1	46.0	12.4	.1	594.2	160.4	.1	1697.9	458.4
.2	51.6	13.9	.2	610.8	164.9	.2	1725.6	465.9
.3	57.3	15.5	.3	627.7	169.5	.3	1753.6	473.5
.4	63.3	17.1	.4	644.7	174.1	.4	1781.8	481.1
.5	69.4	18.8	.5	662.0	178.8	.5	1810.2	488.8
.6	75.9	20.5	.6	679.6	183.5	.6	1838.8	496.5
.7	82.5	22.3	.7	697.3	188.3	.7	1867.7	504.3
.8	89.3	24.1	.8	715.3	193.1	.8	1896.7	512.1
.9	96.4	26.0	.9	733.4	198.0	.9	1926.0	520.0
2.0	103.7	28.0	7.0	751.9	203.0	12.0	1955.6	528.0
.1	111.2	30.0	.1	770.5	208.0	.1	1985.3	536.0
.2	119.0	32.1	.2	789.3	213.1	.2	2015.3	544.1
.3	126.9	34.3	.3	808.4	218.3	.3	2045.4	552.3
.4	135.1	36.5	.4	827.7	223.5	.4	2075.9	560.5
.5	143.5	38.8	.5	847.2	228.8	.5	2106.5	568.8
.6	152.1	41.1	.6	867.0	234.1	.6	2137.3	577.1
.7	161.0	43.5	.7	886.9	239.5	.7	2168.4	585.5
.8	170.1	45.9	.8	907.1	244.9	.8	2199.7	593.9
.9	179.4	48.4	.9	927.5	250.4	.9	2231.2	602.4
3.0	188.9	51.0	8.0	948.1	256.0	13.0	2263.0	611.0
.1	198.6	53.6	.1	969.0	261.6	.1	2294.9	619.6
.2	208.6	56.3	.2	990.1	267.3	.2	2327.1	628.3
.3	218.8	59.1	.3	1011.4	273.1	.3	2359.5	637.1
.4	229.2	61.9	.4	1032.9	278.9	.4	2392.1	645.9
.5	239.8	64.8	.5	1054.6	284.8	.5	2425.0	654.8
.6	250.7	67.7	.6	1076.6	290.7	.6	2458.1	663.7
.7	261.7	70.7	.7	1098.8	296.7	.7	2491.4	672.7
.8	273.0	73.7	.8	1121.2	302.7	.8	2524.9	681.7
.9	284.6	76.8	.9	1143.8	308.8	.9	2558.6	690.8
4.0	296.3	80.0	9.0	1166.7	315.0	14.0	2592.6	700.0
.1	308.3	83.2	.1	1189.7	321.2	.1	2626.8	709.2
.2	320.4	86.5	.2	1213.0	327.5	.2	2661.2	718.5
.3	332.9	89.9	.3	1236.6	333.9	.3	2695.8	727.9
.4	345.5	93.3	.4	1260.3	340.3	.4	2730.7	737.3
.5	358.3	96.8	.5	1284.3	346.8	.5	2765.7	746.8
.6	371.4	100.3	.6	1308.4	353.3	.6	2801.0	756.3
.7	384.7	103.9	.7	1332.9	359.9	.7	2836.6	765.9
.8	398.2	107.5	.8	1357.5	366.5	.8	2872.3	775.5
.9	412.0	111.2	.9	1382.3	373.2	.9	2908.3	785.2
5.0	425.9	115.0	10.0	1407.4	380.0	15.0	2944.4	795.0

TABLE IV Side Slopes 3 : 1
Crown 8 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2980.9	804.8	20.1	5084.6	1372.8	25.1	7743.8	2090.8
.2	3017.5	814.7	.2	5132.3	1385.7	.2	7802.7	2106.7
.3	3054.3	824.7	.3	5180.3	1398.7	.3	7861.7	2122.7
.4	3091.4	834.7	.4	5228.4	1411.7	.4	7921.0	2138.7
.5	3128.7	844.8	.5	5276.9	1424.8	.5	7980.6	2154.8
.6	3166.2	854.9	.6	5325.5	1437.9	.6	8040.3	2170.9
.7	3204.0	865.1	.7	5374.3	1451.1	.7	8100.3	2187.1
.8	3241.9	875.3	.8	5423.4	1464.3	.8	8160.4	2203.3
.9	3280.1	885.6	.9	5472.7	1477.6	.9	8220.9	2219.6
16.0	3318.5	896.0	21.0	5522.2	1491.0	26.0	8281.5	2236.0
.1	3357.1	906.4	.1	5572.0	1504.4	.1	8342.3	2252.4
.2	3396.0	916.9	.2	5621.9	1517.9	.2	8403.4	2268.9
.3	3435.1	927.5	.3	5672.1	1531.5	.3	8464.7	2285.5
.4	3474.4	938.1	.4	5722.5	1545.1	.4	8526.2	2302.1
.5	3513.9	948.8	.5	5773.1	1558.8	.5	8588.0	2318.8
.6	3553.6	959.5	.6	5824.0	1572.5	.6	8649.9	2335.5
.7	3593.6	970.3	.7	5875.1	1586.3	.7	8712.1	2352.3
.8	3633.8	981.1	.8	5926.4	1600.1	.8	8774.5	2369.1
.9	3674.2	992.0	.9	5977.9	1614.0	.9	8837.1	2386.0
17.0	3714.8	1003.0	22.0	6029.6	1628.0	27.0	8900.0	2403.0
.1	3755.7	1014.0	.1	6081.6	1642.0	.1	8963.1	2420.0
.2	3796.7	1025.1	.2	6133.8	1656.1	.2	9026.4	2437.1
.3	3838.0	1036.3	.3	6186.2	1670.3	.3	9089.9	2454.3
.4	3879.6	1047.5	.4	6238.8	1684.5	.4	9153.6	2471.5
.5	3921.3	1058.8	.5	6291.7	1698.8	.5	9217.6	2488.8
.6	3963.3	1070.1	.6	6344.7	1713.1	.6	9281.8	2506.1
.7	4005.4	1081.5	.7	6398.0	1727.5	.7	9346.2	2523.5
.8	4047.9	1092.9	.8	6451.6	1741.9	.8	9410.8	2540.9
.9	4090.5	1104.4	.9	6505.3	1756.4	.9	9475.7	2558.4
18.0	4133.3	1116.0	23.0	6559.3	1771.0	28.0	9540.7	2576.0
.1	4176.4	1127.6	.1	6613.4	1785.6	.1	9606.0	2593.6
.2	4219.7	1139.3	.2	6667.9	1800.3	.2	9671.6	2611.3
.3	4263.2	1151.1	.3	6722.5	1815.1	.3	9737.3	2629.1
.4	4307.0	1162.9	.4	6777.3	1829.9	.4	9803.3	2646.9
.5	4350.9	1174.8	.5	6832.4	1844.8	.5	9869.4	2664.8
.6	4395.1	1186.7	.6	6887.7	1859.7	.6	9935.9	2682.7
.7	4439.5	1198.7	.7	6943.2	1874.7	.7	10002.5	2700.7
.8	4484.1	1210.7	.8	6999.0	1889.7	.8	10069.3	2718.7
.9	4529.0	1222.8	.9	7054.9	1904.8	.9	10136.4	2736.8
19.0	4574.1	1235.0	24.0	7111.1	1920.0	29.0	10203.7	2755.0
.1	4619.4	1247.2	.1	7167.5	1935.2	.1	10271.2	2773.2
.2	4664.9	1259.5	.2	7224.1	1950.5	.2	10339.0	2791.5
.3	4710.6	1271.9	.3	7281.0	1965.9	.3	10406.9	2809.9
.4	4756.6	1284.3	.4	7338.1	1981.3	.4	10475.1	2828.3
.5	4802.8	1296.8	.5	7395.4	1996.8	.5	10543.5	2846.8
.6	4849.2	1309.3	.6	7452.9	2012.3	.6	10612.1	2865.3
.7	4895.8	1321.9	.7	7510.6	2027.9	.7	10681.0	2883.9
.8	4942.7	1334.5	.8	7568.6	2043.5	.8	10750.1	2902.5
.9	4989.7	1347.2	.9	7626.8	2059.2	.9	10819.4	2921.2
20.0	5037.0	1360.0	25.0	7685.2	2075.0	30.0	10888.9	2940.0

TABLE IV Side Slopes 3 : 1.
Crown 9 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.44	0.93	5.1	459.0	123.9	10.1	1470.1	396.9
.2	7.11	1.92	.2	473.8	127.9	.2	1496.0	403.9
.3	11.0	2.97	.3	488.8	132.0	.3	1522.1	411.0
.4	15.1	4.08	.4	504.0	136.1	.4	1548.4	418.1
.5	19.4	5.25	.5	519.4	140.3	.5	1575.0	425.3
.6	24.0	6.5	.6	535.1	144.5	.6	1601.8	432.5
.7	28.8	7.8	.7	551.0	148.8	.7	1628.8	439.8
.8	33.8	9.1	.8	567.1	153.1	.8	1656.0	447.1
.9	39.0	10.5	.9	583.4	157.5	.9	1683.4	454.5
1.0	44.4	12.0	6.0	600.0	162.0	11.0	1711.1	462.0
.1	50.1	13.5	.1	616.8	166.5	.1	1739.0	469.5
.2	56.0	15.1	.2	633.8	171.1	.2	1767.1	477.1
.3	62.1	16.8	.3	651.0	175.8	.3	1795.4	484.8
.4	68.4	18.5	.4	668.4	180.5	.4	1824.0	492.5
.5	75.0	20.3	.5	686.1	185.3	.5	1852.8	500.3
.6	81.8	22.1	.6	704.0	190.1	.6	1881.8	508.1
.7	88.8	24.0	.7	722.1	195.0	.7	1911.0	516.0
.8	96.0	25.9	.8	740.4	199.9	.8	1940.4	523.9
.9	103.4	27.9	.9	759.0	204.9	.9	1970.1	531.9
2.0	111.1	30.0	7.0	777.8	210.0	12.0	2000.0	540.0
.1	119.0	32.1	.1	796.8	215.1	.1	2030.1	548.1
.2	127.1	34.3	.2	816.0	220.3	.2	2060.4	556.3
.3	135.4	36.6	.3	835.4	225.6	.3	2091.0	564.6
.4	144.0	38.9	.4	855.1	230.9	.4	2121.8	572.9
.5	152.8	41.3	.5	875.0	236.3	.5	2152.8	581.3
.6	161.8	43.7	.6	895.1	241.7	.6	2184.0	589.7
.7	171.0	46.2	.7	915.4	247.2	.7	2215.4	598.2
.8	180.4	48.7	.8	936.0	252.7	.8	2247.1	606.7
.9	190.1	51.3	.9	956.8	258.3	.9	2279.0	615.3
3.0	200.0	54.0	8.0	977.8	264.0	13.0	2311.1	624.0
.1	210.1	56.7	.1	999.0	269.7	.1	2343.4	632.7
.2	220.4	59.5	.2	1020.4	275.5	.2	2376.0	641.5
.3	231.0	62.4	.3	1042.1	281.4	.3	2408.8	650.4
.4	241.8	65.3	.4	1064.0	287.3	.4	2441.8	659.3
.5	252.8	68.3	.5	1086.1	293.3	.5	2475.0	668.3
.6	264.0	71.3	.6	1108.4	299.3	.6	2508.4	677.3
.7	275.4	74.4	.7	1131.0	305.4	.7	2542.1	686.4
.8	287.1	77.5	.8	1153.8	311.5	.8	2576.0	695.5
.9	299.0	80.7	.9	1176.8	317.7	.9	2610.1	704.7
4.0	311.1	84.0	9.0	1200.0	324.0	14.0	2644.4	714.0
.1	323.4	87.3	.1	1223.4	330.3	.1	2679.0	723.3
.2	336.0	90.7	.2	1247.1	336.7	.2	2713.8	732.7
.3	348.8	94.2	.3	1271.0	343.2	.3	2748.8	742.2
.4	361.8	97.7	.4	1295.1	349.7	.4	2784.0	751.7
.5	375.0	101.3	.5	1319.4	356.3	.5	2819.4	761.3
.6	388.4	104.9	.6	1344.0	362.9	.6	2855.1	770.9
.7	402.1	108.6	.7	1368.8	369.6	.7	2891.0	780.6
.8	416.0	112.3	.8	1393.8	376.3	.8	2927.1	790.3
.9	430.1	116.1	.9	1419.0	383.1	.9	2963.4	800.1
5.0	444.4	120.0	10.0	1444.4	390.0	15.0	3000.0	810.0

TABLE IV Side Slopes 3 : 1

Crown 9 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	3036.8	819.9	20.1	5159.0	1392.9	25.1	7836.8	2115.9
.2	3073.8	829.9	.2	5207.1	1405.9	.2	7896.0	2131.9
.3	3111.0	840.0	.3	5255.4	1419.0	.3	7955.4	2148.0
.4	3148.4	850.1	.4	5304.0	1432.1	.4	8015.1	2164.1
.5	3186.1	860.3	.5	5352.8	1445.3	.5	8075.0	2180.3
.6	3224.0	870.5	.6	5401.8	1458.5	.6	8135.1	2196.5
.7	3262.1	880.8	.7	5451.0	1471.8	.7	8195.4	2212.8
.8	3300.4	891.1	.8	5500.4	1485.1	.8	8256.0	2229.1
.9	3339.0	901.5	.9	5550.1	1498.5	.9	8316.8	2245.5
16.0	3377.8	912.0	21.0	5600.0	1512.0	26.0	8377.8	2262.0
.1	3416.8	922.5	.1	5650.1	1525.5	.1	8439.0	2278.5
.2	3456.0	933.1	.2	5700.4	1539.1	.2	8500.4	2295.1
.3	3495.4	943.8	.3	5751.0	1552.8	.3	8562.1	2311.8
.4	3535.1	954.5	.4	5801.8	1566.5	.4	8624.0	2328.5
.5	3575.0	965.3	.5	5852.8	1580.3	.5	8686.1	2345.3
.6	3615.1	976.1	.6	5904.0	1594.1	.6	8748.4	2362.1
.7	3655.4	987.0	.7	5955.4	1608.0	.7	8811.0	2379.0
.8	3696.0	997.9	.8	6007.1	1621.9	.8	8873.8	2395.9
.9	3736.8	1008.9	.9	6059.0	1635.9	.9	8936.8	2412.9
17.0	3777.8	1020.0	22.0	6111.1	1650.0	27.0	9000.0	2430.0
.1	3819.0	1031.1	.1	6163.4	1664.1	.1	9063.4	2447.1
.2	3860.4	1042.3	.2	6216.0	1678.3	.2	9127.1	2464.3
.3	3902.1	1053.6	.3	6268.8	1692.6	.3	9191.0	2481.6
.4	3944.0	1064.9	.4	6321.8	1706.9	.4	9255.1	2498.9
.5	3986.1	1076.3	.5	6375.0	1721.3	.5	9319.4	2516.3
.6	4028.4	1087.7	.6	6428.4	1735.7	.6	9384.0	2533.7
.7	4071.0	1099.2	.7	6482.1	1750.2	.7	9448.8	2551.2
.8	4113.8	1110.7	.8	6536.0	1764.7	.8	9513.8	2568.7
.9	4156.8	1122.3	.9	6590.1	1779.3	.9	9579.0	2586.3
18.0	4200.0	1134.0	23.0	6644.4	1794.0	28.0	9644.4	2604.0
.1	4243.4	1145.7	.1	6699.0	1808.7	.1	9710.1	2621.7
.2	4287.1	1157.5	.2	6753.8	1823.5	.2	9776.0	2639.5
.3	4331.0	1169.4	.3	6808.8	1838.4	.3	9842.1	2657.4
.4	4375.1	1181.3	.4	6864.0	1853.3	.4	9908.4	2675.3
.5	4419.4	1193.3	.5	6919.4	1868.3	.5	9975.0	2693.3
.6	4464.0	1205.3	.6	6975.1	1883.3	.6	10041.8	2711.3
.7	4508.8	1217.4	.7	7031.0	1898.4	.7	10108.8	2729.4
.8	4553.8	1229.5	.8	7087.1	1913.5	.8	10176.0	2747.5
.9	4599.0	1241.7	.9	7143.4	1928.7	.9	10243.4	2765.7
19.0	4644.4	1254.0	24.0	7200.0	1944.0	29.0	10311.1	2784.0
.1	4690.1	1266.3	.1	7256.8	1959.3	.1	10379.0	2802.3
.2	4736.0	1278.7	.2	7313.8	1974.7	.2	10447.1	2820.7
.3	4782.1	1291.2	.3	7371.0	1990.2	.3	10515.4	2839.2
.4	4828.4	1303.7	.4	7428.4	2005.7	.4	10584.0	2857.7
.5	4875.0	1316.3	.5	7486.1	2021.3	.5	10652.8	2876.3
.6	4921.8	1328.9	.6	7544.0	2036.9	.6	10721.8	2894.9
.7	4968.8	1341.6	.7	7602.1	2052.6	.7	10791.0	2913.6
.8	5016.0	1354.3	.8	7660.4	2068.3	.8	10860.4	2932.3
.9	5063.4	1367.1	.9	7719.0	2084.1	.9	10930.1	2951.1
20.0	5111.1	1380.0	25.0	7777.8	2100.0	30.0	11000.0	2970.0

TABLE IV Side Slopes 3 : 1
Crown 10 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.81	1.03	5.1	477.9	129.0	10.1	1507.5	407.0
.2	7.85	2.12	.2	493.0	133.1	.2	1533.8	414.1
.3	12.1	3.27	.3	508.4	137.3	.3	1560.3	421.3
.4	16.6	4.48	.4	524.0	141.5	.4	1587.0	428.5
.5	21.3	5.75	.5	539.8	145.8	.5	1613.9	435.8
.6	26.2	7.1	.6	555.9	150.1	.6	1641.0	443.1
.7	31.4	8.5	.7	572.1	154.5	.7	1668.4	450.5
.8	36.7	9.9	.8	588.6	158.9	.8	1696.0	457.9
.9	42.3	11.4	.9	605.3	163.4	.9	1723.8	465.4
1.0	48.1	13.0	6.0	622.2	168.0	11.0	1751.9	473.0
.1	54.2	14.6	.1	639.4	172.6	.1	1780.1	480.6
.2	60.4	16.3	.2	656.7	177.3	.2	1808.6	488.3
.3	66.9	18.1	.3	674.3	182.1	.3	1837.3	496.1
.4	73.6	19.9	.4	692.1	186.9	.4	1866.2	503.9
.5	80.6	21.8	.5	710.2	191.8	.5	1895.4	511.8
.6	87.7	23.7	.6	728.4	196.7	.6	1924.7	519.7
.7	95.1	25.7	.7	746.9	201.7	.7	1954.3	527.7
.8	102.7	27.7	.8	765.6	206.7	.8	1984.1	535.7
.9	110.5	29.8	.9	784.6	211.8	.9	2014.2	543.8
2.0	118.5	32.0	7.0	803.7	217.0	12.0	2044.4	552.0
.1	126.8	34.2	.1	823.1	222.2	.1	2074.9	560.2
.2	135.3	36.5	.2	842.7	227.5	.2	2105.6	568.5
.3	144.0	38.9	.3	862.5	232.9	.3	2136 6	576.9
.4	152.9	41.3	.4	882.5	238.3	.4	2167.7	585.3
.5	162.0	43.8	.5	902.8	243.8	.5	2199.1	593.8
.6	171.4	46.3	.6	923.3	249.3	.6	2230.7	602.3
.7	181.0	48.9	.7	944.0	254.9	.7	2262.5	610.9
.8	190.8	51.5	.8	964.9	260.5	.8	2294.5	619.5
.9	200.9	54.2	.9	986.0	266.2	.9	2326.8	628.2
3.0	211.1	57.0	8.0	1007.4	272.0	13.0	2359.3	637.0
.1	221.6	59.8	.1	1029.0	277.8	.1	2392.0	645.8
.2	232.3	62.7	.2	1050.8	283.7	.2	2424.9	654.7
.3	243.2	65.7	.3	1072.9	289.7	.3	2458.0	663.7
.4	254.4	68.7	.4	1095.1	295.7	.4	2491.4	672.7
.5	265.7	71.8	.5	1117.6	301.8	.5	2525.0	681.8
.6	277.3	74.9	.6	1140.3	307.9	.6	2558.8	690.9
.7	289.1	78.1	.7	1163.2	314.1	.7	2592.9	700.1
.8	301.2	81.3	.8	1186.4	320.3	.8	2627.1	709.3
.9	313.4	84.6	.9	1209.7	326.6	.9	2661.6	718.6
4.0	325.9	88.0	9.0	1233.3	333.0	14.0	2696.3	728.0
.1	338.6	91.4	.1	1257.1	339.4	.1	2731.2	737.4
.2	351.6	94.9	.2	1281.2	345.9	.2	2766.4	746.9
.3	364.7	98.5	.3	1305.4	352.5	.3	2801.7	756.5
.4	378.1	102.1	.4	1329.9	359.1	.4	2837.3	766.1
.5	391.7	105.8	.5	1354.6	365.8	.5	2873.1	775.8
.6	405.5	109.5	.6	1379.6	372.5	.6	2909.2	785.5
.7	419.5	113.3	.7	1404.7	379.3	.7	2945.4	795.3
.8	433.8	117.1	.8	1430.1	386.1	.8	2981.9	805.1
.9	448.3	121.0	.9	1455.7	393.0	.9	3018.6	815.0
5.0	463.0	125.0	10.0	1481.5	400.0	15.0	3055.6	825.0

TABLE IV Side Slopes 3 : 1
Crown 10 Feet

ertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	3092.7	835.0	20.1	5233.4	1413.0	25.1	7929.7	2141.0
.2	3130.1	845.1	.2	5281.9	1426.1	.2	7989.3	2157.1
.3	3167.7	855.3	.3	5330.6	1439.3	.3	8049.1	2173.3
.4	3205.5	865.5	.4	5379.6	1452.5	.4	8109.2	2189.5
.5	3243.5	875.8	.5	5428.7	1465.8	.5	8169.4	2205.8
.6	3281.8	886.1	.6	5478.1	1479.1	.6	8229.9	2222.1
.7	3320.3	896.5	.7	5527.7	1492.5	.7	8290.6	2238.5
.8	3359.0	906.9	.8	5577.5	1505.9	.8	8351.6	2254.9
.9	3397.9	917.4	.9	5627.5	1519.4	.9	8412.7	2271.4
16.0	3437.0	928.0	21.0	5677.8	1533.0	26.0	8474.1	2288.0
.1	3476.4	938.6	.1	5728.3	1546.6	.1	8535.7	2304.6
.2	3516.0	949.3	.2	5779.0	1560.3	.2	8597.5	2321.3
.3	3555.8	960.1	.3	5829.9	1574.1	.3	8659.5	2338.1
.4	3595.9	970.9	.4	5881.0	1587.9	.4	8721.8	2354.9
.5	3636.1	981.8	.5	5932.4	1601.8	.5	8784.3	2371.8
.6	3676.6	992.7	.6	5984.0	1615.7	.6	8847.0	2388.7
.7	3717.3	1003.7	.7	6035.8	1629.7	.7	8909.9	2405.7
.8	3758.2	1014.7	.8	6087.9	1643.7	.8	8973.0	2422.7
.9	3799.4	1025.8	.9	6140.1	1657.8	.9	9036.4	2439.8
17.0	3840.7	1037.0	22.0	6192.6	1672.0	27.0	9100.0	2457.0
.1	3882.3	1048.2	.1	6245.3	1686.2	.1	9163.8	2474.2
.2	3924.1	1059.5	.2	6298.2	1700.5	.2	9227.9	2491.5
.3	3966.2	1070.9	.3	6351.4	1714.9	.3	9292.1	2508.9
.4	4008.4	1082.3	.4	6404.7	1729.3	.4	9356.6	2526.3
.5	4050.9	1093.8	.5	6458.3	1743.8	.5	9421.3	2543.8
.6	4093.6	1105.3	.6	6512.1	1758.3	.6	9486.2	2561.3
.7	4136.6	1116.9	.7	6566.2	1772.9	.7	9551.4	2578.9
.8	4179.7	1128.5	.8	6620.4	1787.5	.8	9616.7	2596.5
.9	4223.1	1140.2	.9	6674.9	1802.2	.9	9682.3	2614.2
18.0	4266.7	1152.0	23.0	6729.6	1817.0	28.0	9748.1	2632.0
.1	4310.5	1163.8	.1	6784.6	1831.8	.1	9814.2	2649.8
.2	4354.5	1175.7	.2	6839.7	1846.7	.2	9880.4	2667.7
.3	4398.8	1187.7	.3	6895.1	1861.7	.3	9946.9	2685.7
.4	4443.3	1199.7	.4	6950.7	1876.7	.4	10013.6	2703.7
.5	4488.0	1211.8	.5	7006.5	1891.8	.5	10080.6	2721.8
.6	4532.9	1223.9	.6	7062.5	1906.9	.6	10147.7	2739.9
.7	4578.0	1236.1	.7	7118.8	1922.1	.7	10215.1	2758.1
.8	4623.4	1248.3	.8	7175.3	1937.3	.8	10282.7	2776.3
.9	4669.0	1260.6	.9	7232.0	1952.6	.9	10350.5	2794.6
19.0	4714.8	1273.0	24.0	7288.9	1968.0	29.0	10418.5	2813.0
.1	4760.9	1285.4	.1	7346.0	1983.4	.1	10486.8	2831.4
.2	4807.1	1297.9	.2	7403.4	1998.9	.2	10555.3	2849.9
.3	4853.6	1310.5	.3	7461.0	2014.5	.3	10624.0	2868.5
.4	4900.3	1323.1	.4	7518.8	2030.1	.4	10692.9	2887.1
.5	4947.2	1335.8	.5	7576.9	2045.8	.5	10762.0	2905.8
.6	4994.4	1348.5	.6	7635.1	2061.5	.6	10831.4	2924.5
.7	5041.7	1361.3	.7	7693.6	2077.3	.7	10901.0	2943.3
.8	5089.3	1374.1	.8	7752.3	2093.1	.8	10970.8	2962.1
.9	5137.1	1387.0	.9	7811.2	2109.0	.9	11040.9	2981.0
20.0	5185.2	1400.0	25.0	7870.4	2125.0	30.0	11111.1	3000.0

TABLE V Side Slopes 1½ : 1 and 2 : 1
Crown 1 Foot

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	0.435	0.118	5.1	187.5	50.6	10.1	698.6	188.6
.2	1.000	0.270	.2	194.5	52.5	.2	712.1	192.3
.3	1.69	0.458	.3	201.7	54.5	.3	725.8	196.0
.4	2.52	0.680	.4	209.0	56.4	.4	739.6	199.7
.5	3.47	0.94	.5	216.4	58.4	.5	753.5	203.4
.6	4.56	1.23	.6	224.0	60.5	.6	767.5	207.2
.7	5.77	1.56	.7	231.7	62.6	.7	781.7	211.1
.8	7.1	1.92	.8	239.5	64.7	.8	796.0	214.9
.9	8.6	2.32	.9	247.5	66.8	.9	810.4	218.8
1.0	10.2	2.75	6.0	255.6	69.0	11.0	825.0	222.8
.1	11.9	3.22	.1	263.8	71.2	.1	839.7	226.7
.2	13.8	3.72	.2	272.1	73.5	.2	854.5	230.7
.3	15.8	4.26	.3	280.6	75.8	.3	869.5	234.8
.4	17.9	4.83	.4	289.2	78.1	.4	884.6	238.8
.5	20.1	5.44	.5	297.9	80.4	.5	899.8	242.9
.6	22.5	6.1	.6	306.8	82.8	.6	915.1	247.1
.7	25.0	6.8	.7	315.8	85.3	.7	930.6	251.3
.8	27.7	7.5	.8	324.9	87.7	.8	946.2	255.5
.9	30.4	8.2	.9	334.1	90.2	.9	961.9	259.7
2.0	33.3	9.0	7.0	343.5	92.8	12.0	977.8	264.0
.1	36.4	9.8	.1	353.0	95.3	.1	993.8	268.3
.2	39.5	10.7	.2	362.7	97.9	.2	1009.9	272.7
.3	42.8	11.6	.3	372.4	100.6	.3	1026.1	277.1
.4	46.2	12.5	.4	382.3	103.2	.4	1042.5	281.5
.5	49.8	13.4	.5	392.4	105.9	.5	1059.0	285.9
.6	53.4	14.4	.6	402.5	108.7	.6	1075.7	290.4
.7	57.3	15.5	.7	412.8	111.5	.7	1092.4	295.0
.8	61.2	16.5	.8	423.2	114.3	.8	1109.3	299.5
.9	65.3	17.6	.9	433.8	117.1	.9	1126.4	304.1
3.0	69.4	18.8	8.0	444.4	120.0	13.0	1143.5	308.8
.1	73.8	19.9	.1	455.3	122.9	.1	1160.8	313.4
.2	78.2	21.1	.2	466.2	125.9	.2	1178.2	318.1
.3	82.8	22.4	.3	477.3	128.9	.3	1195.8	322.9
.4	87.5	23.6	.4	488.4	131.9	.4	1213.4	327.6
.5	92.4	24.9	.5	499.8	134.9	.5	1231.3	332.4
.6	97.3	26.3	.6	511.2	138.0	.6	1249.2	337.3
.7	102.4	27.7	.7	522.8	141.2	.7	1267.3	342.2
.8	107.7	29.1	.8	534.5	144.3	.8	1285.4	347.1
.9	113.0	30.5	.9	546.4	147.5	.9	1303.8	352.0
4.0	118.5	32.0	9.0	558.3	150.8	14.0	1322.2	357.0
.1	124.1	33.5	.1	570.4	154.0	.1	1340.8	362.0
.2	129.9	35.1	.2	582.7	157.3	.2	1359.5	367.1
.3	135.8	36.7	.3	595.0	160.7	.3	1378.4	372.2
.4	141.8	38.3	.4	607.5	164.0	.4	1397.3	377.3
.5	147.9	39.9	.5	620.1	167.4	.5	1416.4	382.4
.6	154.2	41.6	.6	632.9	170.9	.6	1435.7	387.6
.7	160.6	43.4	.7	645.8	174.4	.7	1455.0	392.9
.8	167.1	45.1	.8	658.8	177.9	.8	1474.5	398.1
.9	173.8	46.9	.9	671.9	181.4	.9	1494.1	403.4
5.0	180.6	48.8	10.0	685.2	185.0	15.0	1513.9	408.8

TABLE V Side Slopes 1½ : 1 and 2 : 1
Crown 1 Foot

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1533.8	414.1	20.1	2693.0	727.1	25.1	4176.4	1127.6
.2	1553.8	419.5	.2	2719.5	734.3	.2	4209.3	1136.5
.3	1573.9	425.0	.3	2746.1	741.5	.3	4242.4	1145.5
.4	1594.2	430.4	.4	2772.9	748.7	.4	4275.7	1154.4
.5	1614.6	435.9	.5	2799.8	755.9	.5	4309.0	1163.4
.6	1635.1	441.5	.6	2826.8	763.2	.6	4342.5	1172.5
.7	1655.8	447.1	.7	2853.9	770.6	.7	4376.1	1181.6
.8	1676.6	452.7	.8	2881.2	777.9	.8	4409.9	1190.7
.9	1697.5	458.3	.9	2908.6	785.3	.9	4443.8	1199.8
16.0	1718.5	464.0	21.0	2936.1	792.8	26.0	4477.8	1209.0
.1	1739.7	469.7	.1	2963.8	800.2	.1	4511.9	1218.2
.2	1761.0	475.5	.2	2991.6	807.7	.2	4546.2	1227.5
.3	1782.4	481.3	.3	3019.5	815.3	.3	4580.6	1236.8
.4	1804.0	487.1	.4	3047.5	822.8	.4	4615.1	1246.1
.5	1825.7	492.9	.5	3075.7	830.4	.5	4649.8	1255.4
.6	1847.5	498.8	.6	3104.0	838.1	.6	4684.6	1264.8
.7	1869.5	504.8	.7	3132.4	845.8	.7	4719.5	1274.3
.8	1891.6	510.7	.8	3161.0	853.5	.8	4754.5	1283.7
.9	1913.8	516.7	.9	3189.7	861.2	.9	4789.7	1293.2
17.0	1936.1	522.8	22.0	3218.5	869.0	27.0	4825.0	1302.8
.1	1958.6	528.8	.1	3247.5	876.8	.1	4860.4	1312.3
.2	1981.2	534.9	.2	3276.6	884.7	.2	4896.0	1321.9
.3	2003.9	541.1	.3	3305.8	892.6	.3	4931.7	1331.6
.4	2026.8	547.2	.4	3335.1	900.5	.4	4967.5	1341.2
.5	2049.8	553.4	.5	3364.6	908.4	.5	5003.5	1350.9
.6	2072.9	559.7	.6	3394.2	916.4	.6	5039.6	1360.7
.7	2096.1	566.0	.7	3423.9	924.5	.7	5075.8	1370.5
.8	2119.5	572.3	.8	3453.8	932.5	.8	5112.1	1380.3
.9	2143.0	578.6	.9	3483.8	940.6	.9	5148.6	1390.1
18.0	2166.7	585.0	23.0	3513.9	948.8	28.0	5185.2	1400.0
.1	2190.4	591.4	.1	3544.1	956.9	.1	5221.9	1409.9
.2	2214.3	597.9	.2	3574.5	965.1	.2	5258.8	1419.9
.3	2238.4	604.4	.3	3605.0	973.4	.3	5295.8	1429.9
.4	2262.5	610.9	.4	3635.7	981.6	.4	5332.9	1439.9
.5	2286.8	617.4	.5	3666.4	989.9	.5	5370.1	1449.9
.6	2311.2	624.0	.6	3697.3	998.3	.6	5407.5	1460.0
.7	2335.8	630.7	.7	3728.4	1006.7	.7	5445.0	1470.2
.8	2360.4	637.3	.8	3759.5	1015.1	.8	5482.7	1480.3
.9	2385.3	644.0	.9	3790.8	1023.5	.9	5520.4	1490.5
19.0	2410.2	650.8	24.0	3822.2	1032.0	29.0	5558.3	1500.8
.1	2435.3	657.5	.1	3853.8	1040.5	.1	5596.4	1511.0
.2	2460.4	664.3	.2	3885.4	1049.1	.2	5634.5	1521.3
.3	2485.8	671.2	.3	3917.3	1057.7	.3	5672.8	1531.7
.4	2511.2	678.0	.4	3949.2	1066.3	.4	5711.2	1542.0
.5	2536.8	684.9	.5	3981.3	1074.9	.5	5749.8	1552.4
.6	2562.5	691.9	.6	4013.4	1083.6	.6	5788.4	1562.9
.7	2588.4	698.9	.7	4045.8	1092.4	.7	5827.3	1573.4
.8	2614.3	705.9	.8	4078.2	1101.1	.8	5866.2	1583.9
.9	2640.4	712.9	.9	4110.8	1109.9	.9	5905.3	1594.4
20.0	2666.7	720.0	25.0	4143.5	1118.8	30.0	5944.4	1605.0

TABLE V Side Slopes 1½ : 1 and 2 : 1
Crown 2 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	0.81	0.218	5.1	206.4	55.7	10.1	736.0	198.7
.2	1.74	0.470	.2	213.8	57.7	.2	749.9	202.5
.3	2.81	0.758	.3	221.3	59.8	.3	763.9	206.3
.4	4.00	1.08	.4	229.0	61.8	.4	778.1	210.1
.5	5.32	1.44	.5	236.8	63.9	.5	792.4	213.9
.6	6.8	1.83	.6	244.7	66.1	.6	806.8	217.8
.7	8.4	2.26	.7	252.8	68.3	.7	821.3	221.8
.8	10.1	2.72	.8	261.0	70.5	.8	836.0	225.7
.9	11.9	3.22	.9	269.3	72.7	.9	850.8	229.7
1.0	13.9	3.75	6.0	277.8	75.0	11.0	865.7	233.8
.1	16.0	4.32	.1	286.4	77.3	.1	880.8	237.8
.2	18.2	4.92	.2	295.1	79.7	.2	896.0	241.9
.3	20.6	5.56	.3	303.9	82.1	.3	911.3	246.1
.4	23.1	6.2	.4	312.9	84.5	.4	926.8	250.2
.5	25.7	6.9	.5	322.0	86.9	.5	942.4	254.4
.6	28.4	7.7	.6	331.2	89.4	.6	958.1	258.7
.7	31.3	8.5	.7	340.6	92.0	.7	973.9	263.0
.8	34.3	9.3	.8	350.1	94.5	.8	989.9	267.3
.9	37.5	10.1	.9	359.7	97.1	.9	1006.0	271.6
2.0	40.7	11.0	7.0	369.4	99.8	12.0	1022.2	276.0
.1	44.1	11.9	.1	379.3	102.4	.1	1038.6	280.4
.2	47.7	12.9	.2	389.3	105.1	.2	1055.1	284.9
.3	51.3	13.9	.3	399.5	107.9	.3	1071.7	289.4
.4	55.1	14.9	.4	409.7	110.6	.4	1088.4	293.9
.5	59.0	15.9	.5	420.1	113.4	.5	1105.3	298.4
.6	63.1	17.0	.6	430.7	116.3	.6	1122.3	303.0
.7	67.3	18.2	.7	441.3	119.2	.7	1139.5	307.7
.8	71.6	19.3	.8	452.1	122.1	.8	1156.7	312.3
.9	76.0	20.5	.9	463.0	125.0	.9	1174.1	317.0
3.0	80.6	21.8	8.0	474.1	128.0	13.0	1191.7	321.8
.1	85.3	23.0	.1	485.3	131.0	.1	1209.3	326.5
.2	90.1	24.3	.2	496.6	134.1	.2	1227.1	331.3
.3	95.0	25.7	.3	508.0	137.2	.3	1245.0	336.2
.4	100.1	27.0	.4	519.6	140.3	.4	1263.1	341.0
.5	105.3	28.4	.5	531.3	143.4	.5	1281.3	345.9
.6	110.7	29.9	.6	543.1	146.6	.6	1299.6	350.9
.7	116.1	31.4	.7	555.0	149.9	.7	1318.0	355.9
.8	121.7	32.9	.8	567.1	153.1	.8	1336.6	360.9
.9	127.5	34.4	.9	579.3	156.4	.9	1355.3	365.9
4.0	133.3	36.0	9.0	591.7	159.8	14.0	1374.1	371.0
.1	139.3	37.6	.1	604.1	163.1	.1	1393.0	376.1
.2	145.4	39.3	.2	616.7	166.5	.2	1412.1	381.3
.3	151.7	41.0	.3	629.5	170.0	.3	1431.3	386.5
.4	158.1	42.7	.4	642.3	173.4	.4	1450.7	391.7
.5	164.6	44.4	.5	655.3	176.9	.5	1470.1	396.9
.6	171.2	46.2	.6	668.4	180.5	.6	1489.7	402.2
.7	178.0	48.1	.7	681.7	184.1	.7	1509.5	407.6
.8	184.9	49.9	.8	695.1	187.7	.8	1529.3	412.9
.9	191.9	51.8	.9	708.6	191.3	.9	1549.3	418.3
5.0	199.1	53.8	10.0	722.2	195.0	15.0	1569.4	423.8

TABLE V Side Slopes 1½ : 1 and 2 : 1
Crown 2 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1589.7	429.2	20.1	2767.5	747.2	25.1	4269.3	1152.7
.2	1610.1	434.7	.2	2794.3	754.5	.2	4302.7	1161.7
.3	1630.6	440.3	.3	2821.3	761.8	.3	4336.1	1170.8
.4	1651.2	445.8	.4	2848.4	769.1	.4	4369.7	1179.8
.5	1672.0	451.4	.5	2875.7	776.4	.5	4403.5	1188.9
.6	1692.9	457.1	.6	2903.1	783.8	.6	4437.3	1198.1
.7	1713.9	462.8	.7	2930.6	791.3	.7	4471.3	1207.3
.8	1735.1	468.5	.8	2958.2	798.7	.8	4505.4	1216.5
.9	1756.4	474.2	.9	2986.0	806.2	.9	4539.7	1225.7
16.0	1777.8	480.0	21.0	3013.9	813.8	26.0	4574.1	1235.0
.1	1799.3	485.8	.1	3041.9	821.3	.1	4608.6	1244.3
.2	1821.0	491.7	.2	3070.1	828.9	.2	4643.2	1253.7
.3	1842.8	497.6	.3	3098.4	836.6	.3	4678.0	1263.1
.4	1864.7	503.5	.4	3126.8	844.2	.4	4712.9	1272.5
.5	1886.8	509.4	.5	3155.3	851.9	.5	4747.9	1281.9
.6	1909.0	515.4	.6	3184.0	859.7	.6	4783.1	1291.4
.7	1931.3	521.5	.7	3212.8	867.5	.7	4818.4	1301.0
.8	1953.8	527.5	.8	3241.7	875.3	.8	4853.8	1310.5
.9	1976.4	533.6	.9	3270.8	883.1	.9	4889.3	1320.1
17.0	1999.1	539.8	22.0	3300.0	891.0	27.0	4925.0	1329.8
.1	2021.9	545.9	.1	3329.3	898.9	.1	4960.8	1339.4
.2	2044.9	552.1	.2	3358.8	906.9	.2	4996.7	1349.1
.3	2068.0	558.4	.3	3388.4	914.9	.3	5032.8	1358.9
.4	2091.2	564.6	.4	3418.1	922.9	.4	5069.0	1368.6
.5	2114.6	570.9	.5	3447.9	930.9	.5	5105.3	1378.4
.6	2138.1	577.3	.6	3477.9	939.0	.6	5141.8	1388.3
.7	2161.7	583.7	.7	3508.0	947.2	.7	5178.4	1398.2
.8	2185.4	590.1	.8	3538.2	955.3	.8	5215.1	1408.1
.9	2209.3	596.5	.9	3568.6	963.5	.9	5251.9	1418.0
18.0	2233.3	603.0	23.0	3599.1	971.8	28.0	5288.9	1428.0
.1	2257.5	609.5	.1	3629.7	980.0	.1	5326.0	1438.0
.2	2281.7	616.1	.2	3660.4	988.3	.2	5363.2	1448.1
.3	2306.1	622.7	.3	3691.3	996.7	.3	5400.6	1458.2
.4	2330.7	629.3	.4	3722.3	1005.0	.4	5438.1	1468.3
.5	2355.3	635.9	.5	3753.5	1013.4	.5	5475.7	1478.4
.6	2380.1	642.6	.6	3784.7	1021.9	.6	5513.4	1488.6
.7	2405.0	649.4	.7	3816.1	1030.4	.7	5551.3	1498.9
.8	2430.1	656.1	.8	3847.7	1038.9	.8	5589.3	1509.1
.9	2455.3	662.9	.9	3879.3	1047.4	.9	5627.5	1519.4
19.0	2480.6	669.8	24.0	3911.1	1056.0	29.0	5665.7	1529.8
.1	2506.0	676.6	.1	3943.0	1064.6	.1	5704.1	1540.1
.2	2531.6	683.5	.2	3975.1	1073.3	.2	5742.7	1550.5
.3	2557.3	690.5	.3	4007.3	1082.0	.3	5781.3	1561.0
.4	2583.1	697.4	.4	4039.6	1090.7	.4	5820.1	1571.4
.5	2609.0	704.4	.5	4072.0	1099.4	.5	5859.0	1581.9
.6	2635.1	711.5	.6	4104.6	1108.2	.6	5898.1	1592.5
.7	2661.3	718.6	.7	4137.3	1117.1	.7	5937.3	1603.1
.8	2687.7	725.7	.8	4170.1	1125.9	.8	5976.6	1613.7
.9	2714.1	732.8	.9	4203.0	1134.8	.9	6016.0	1624.3
20.0	2740.7	740.0	25.0	4236.1	1143.8	30.0	6055.6	1635.0

TABLE V Side Slopes 1½ : 1 and 2 : 1
Crown 3 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.18	0.318	5.1	225.3	60.8	10.1	773.4	208.8
.2	2.48	0.670	.2	233.0	62.9	.2	787.7	212.7
.3	3.92	1.06	.3	241.0	65.1	.3	802.1	216.6
.4	5.48	1.48	.4	249.0	67.2	.4	816.6	220.5
.5	7.2	1.94	.5	257.2	69.4	.5	831.3	224.4
.6	9.0	2.43	.6	265.5	71.7	.6	846.0	228.4
.7	11.0	2.96	.7	273.9	74.0	.7	861.0	232.5
.8	13.0	3.52	.8	282.5	76.3	.8	876.0	236.5
.9	15.3	4.12	.9	291.2	78.6	.9	891.2	240.6
1.0	17.6	4.75	6.0	300.0	81.0	11.0	906.5	244.8
.1	20.1	5.42	.1	309.0	83.4	.1	921.9	248.9
.2	22.7	6.1	.2	318.0	85.9	.2	937.5	253.1
.3	25.4	6.9	.3	327.3	88.4	.3	953.2	257.4
.4	28.3	7.6	.4	336.6	90.9	.4	969.0	261.6
.5	31.3	8.4	.5	346.1	93.4	.5	985.0	265.9
.6	34.4	9.3	.6	355.7	96.0	.6	1001.0	270.3
.7	37.6	10.2	.7	365.4	98.7	.7	1017.3	274.7
.8	41.0	11.1	.8	375.3	101.3	.8	1033.6	279.1
.9	44.5	12.0	.9	385.3	104.0	.9	1050.1	283.5
2.0	48.1	13.0	7.0	395.4	106.8	12.0	1066.7	288.0
.1	51.9	14.0	.1	405.6	109.5	.1	1083.4	292.5
.2	55.8	15.1	.2	416.0	112.3	.2	1100.3	297.1
.3	59.8	16.2	.3	426.5	115.2	.3	1117.3	301.7
.4	64.0	17.3	.4	437.1	118.0	.4	1134.4	306.3
.5	68.3	18.4	.5	447.9	120.9	.5	1151.6	310.9
.6	72.7	19.6	.6	458.8	123.9	.6	1169.0	315.6
.7	77.3	20.9	.7	469.8	126.9	.7	1186.5	320.4
.8	81.9	22.1	.8	481.0	129.9	.8	1204.1	325.1
.9	86.7	23.4	.9	492.3	132.9	.9	1221.9	329.9
3.0	91.7	24.8	8.0	503.7	136.0	13.0	1239.8	334.8
.1	96.7	26.1	.1	515.3	139.1	.1	1257.8	339.6
.2	101.9	27.5	.2	526.9	142.3	.2	1276.0	344.5
.3	107.3	29.0	.3	538.7	145.5	.3	1294.3	349.5
.4	112.7	30.4	.4	550.7	148.7	.4	1312.7	354.4
.5	118.3	31.9	.5	562.7	151.9	.5	1331.3	359.4
.6	124.0	33.5	.6	574.9	155.2	.6	1349.9	364.5
.7	129.8	35.1	.7	587.3	158.6	.7	1368.7	369.6
.8	135.8	36.7	.8	599.7	161.9	.8	1387.7	374.7
.9	141.9	38.3	.9	612.3	165.3	.9	1406.7	379.8
4.0	148.1	40.0	9.0	625.0	168.8	14.0	1425.9	385.0
.1	154.5	41.7	.1	637.8	172.2	.1	1445.3	390.2
.2	161.0	43.5	.2	650.8	175.7	.2	1464.7	395.5
.3	167.6	45.3	.3	663.9	179.3	.3	1484.3	400.8
.4	174.4	47.1	.4	677.1	182.8	.4	1504.0	406.1
.5	181.3	48.9	.5	690.5	186.4	.5	1523.8	411.4
.6	188.3	50.8	.6	704.0	190.1	.6	1543.8	416.8
.7	195.4	52.8	.7	717.6	193.8	.7	1563.9	422.3
.8	202.7	54.7	.8	731.4	197.5	.8	1584.1	427.7
.9	210.1	56.7	.9	745.3	201.2	.9	1604.5	433.2
5.0	217.6	58.8	10.0	759.3	205.0	15.0	1625.0	438.8

TABLE V Side Slopes 1½ : 1 and 2 : 1
Crown 3 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1645.6	444.3	20.1	2841.9	767.3	25.1	4362.3	1177.8
.2	1666.4	449.9	.2	2869.1	774.7	.2	4396.0	1186.9
.3	1687.3	455.6	.3	2896.5	782.1	.3	4429.8	1196.1
.4	1708.3	461.2	.4	2924.0	789.5	.4	4463.8	1205.2
.5	1729.4	466.9	.5	2951.6	796.9	.5	4497.9	1214.4
.6	1750.7	472.7	.6	2979.4	804.4	.6	4532.1	1223.7
.7	1772.1	478.5	.7	3007.3	812.0	.7	4566.5	1233.0
.8	1793.6	484.3	.8	3035.3	819.5	.8	4601.0	1242.3
.9	1815.3	490.1	.9	3063.4	827.1	.9	4635.6	1251.6
16.0	1837.0	496.0	21.0	3091.7	834.8	26.0	4670.4	1261.0
.1	1859.0	501.9	.1	3120.1	842.4	.1	4705.3	1270.4
.2	1881.0	507.9	.2	3148.6	850.1	.2	4740.3	1279.9
.3	1903.2	513 9	.3	3177.3	857.9	.3	4775.4	1289.4
.4	1925.5	519.9	.4	3206.0	865.6	.4	4810.7	1298.9
.5	1947.9	525.9	.5	3235.0	873.4	.5	4846.1	1308.4
.6	1970.5	532.0	.6	3264.0	881.3	.6	4881.6	1318.0
.7	1993.2	538.2	.7	3293.2	889.2	.7	4917.3	1327.7
.8	2016.0	544.3	.8	3322.5	897.1	.8	4953.0	1337.3
.9	2039.0	550.5	.9	3351.9	905.0	.9	4989.0	1347.0
17.0	2062.0	556.8	22.0	3381.5	913.0	27.0	5025.0	1356.8
.1	2085.3	563.0	.1	3411.2	921.0	.1	5061.2	1366.5
.2	2108.6	569.3	.2	3441.0	929.1	.2	5097.5	1376.3
.3	2132.1	575.7	.3	3471.0	937.2	.3	5133.9	1386.2
.4	2155.7	582.0	.4	3501.0	945.3	.4	5170.5	1396.0
.5	2179.4	588.4	.5	3531.3	953.4	.5	5207.2	1405.9
.6	2203.3	594.9	.6	3561.6	961.6	.6	5244.0	1415.9
.7	2227.3	601.4	.7	3592.1	969.9	.7	5281.0	1425.9
.8	2251.4	607.9	.8	3622.7	978.1	.8	5318.0	1435.9
.9	2275.6	614.4	.9	3653.4	986.4	.9	5355.3	1445.9
18.0	2300.0	621.0	23.0	3684.3	994.8	28.0	5392.6	1456.0
.1	2324.5	627.6	.1	3715.3	1003.1	.1	5430.1	1466.1
.2	2349.1	634.3	.2	3746.4	1011.5	.2	5467.7	1476.3
.3	2373.9	641.0	.3	3777.6	1020.0	.3	5505.4	1486.5
.4	2398.8	647.7	.4	3809.0	1028.4	.4	5543.3	1496.7
.5	2423.8	654.4	.5	3840.5	1036.9	.5	5581.3	1506.9
.6	2449.0	661.2	.6	3872.1	1045.5	.6	5619.4	1517.2
.7	2474.3	668.1	.7	3903.9	1054.1	.7	5657.6	1527.6
.8	2499.7	674.9	.8	3935.8	1062.7	.8	5696.0	1537.9
.9	2525.3	681.8	.9	3967.8	1071.3	.9	5734.5	1548.3
19.0	2550.9	688.8	24.0	4000.0	1080.0	29.0	5773.1	1558.8
.1	2576.7	695.7	.1	4032.3	1088.7	.1	5811.9	1569.2
.2	2602.7	702.7	.2	4064.7	1097.5	.2	5850.8	1579.7
.3	2628.7	709.8	.3	4097.3	1106.3	.3	5889.8	1590.3
.4	2654.9	716.8	.4	4129.9	1115.1	.4	5929.0	1600.8
.5	2681.3	723.9	.5	4162.7	1123.9	.5	5968.3	1611.4
.6	2707.7	731.1	.6	4195.7	1132.8	.6	6007.7	1622.1
.7	2734.3	738.3	.7	4228.7	1141.8	.7	6047.3	1632.8
.8	2761.0	745.5	.8	4261.9	1150.7	.8	6086.9	1643.5
.9	2787.8	752.7	.9	4295.3	1159.7	.9	6126.7	1654.2
20.0	2814.8	760.0	25.0	4328.7	1168.8	30.0	6166.7	1665.0

TABLE V Side Slopes 1½ : 1 and 2 : 1
Crown 4 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.55	0.418	5.1	244.1	65.9	10.1	810.8	218.9
.2	3.22	0.870	.2	252.3	68.1	.2	825.4	222.9
.3	5.03	1.36	.3	260.6	70.4	.3	840.2	226.9
.4	7.0	1.88	.4	269.0	72.6	.4	855.1	230.9
.5	9.0	2.44	.5	277.5	74.9	.5	870.1	234.9
.6	11.2	3.03	.6	286.2	77.3	.6	885.3	239.0
.7	13.5	3.66	.7	295.0	79.7	.7	900.6	243.2
.8	16.0	4.32	.8	304.0	82.1	.8	916.0	247.3
.9	18.6	5.02	.9	313.0	84.5	.9	931.5	251.5
1.0	21.3	5.8	6.0	322 2	87.0	11.0	947.2	255.8
.1	24.1	6.5	.1	331.5	89.5	.1	963.0	260.0
.2	27.1	7.3	.2	341.0	92.1	.2	979.0	264.3
.3	30.2	8.2	.3	350.6	94.7	.3	995.0	268.7
.4	33.4	9.0	.4	360.3	97.3	.4	1011.2	273.0
.5	36.8	9.9	.5	370.1	99.9	.5	1027.5	277.4
.6	40.3	10.9	.6	380.1	102.6	.6	1044.0	281.9
.7	43.9	11.9	.7	390.2	105.4	.7	1060.6	286.4
.8	47.7	12.9	.8	400.4	108.1	.8	1077.3	290.9
.9	51.5	13.9	.9	410.8	110.9	.9	1094.1	295.4
2.0	55.6	15.0	7.0	421.3	113.8	12.0	1111.1	300.0
.1	59.7	16.1	.1	431.9	116.6	.1	1128.2	304.6
.2	64.0	17.3	.2	442.7	119.5	.2	1145.4	309.3
.3	68.4	18.5	.3	453.5	122.5	.3	1162.8	314.0
.4	72.9	19.7	.4	464.6	125.4	.4	1180.3	318.7
.5	77.5	20.9	.5	475.7	128.4	.5	1197.9	323.4
.6	82.3	22.2	.6	487.0	131.5	.6	1215.7	328.2
.7	87.3	23.6	.7	498.4	134.6	.7	1233.5	333.1
.8	92.3	24.9	.8	509.9	137.7	.8	1251.6	337.9
.9	97.5	26.3	.9	521.5	140.8	.9	1269.7	342.8
3.0	102.8	27.8	8.0	533.3	144.0	13.0	1288.0	347.8
.1	108.2	29.2	.1	545.3	147.2	.1	1306.4	352.7
.2	113.8	30.7	.2	557.3	150.5	.2	1324.9	357.7
.3	119.5	32.3	.3	569.5	153.8	.3	1343.5	362.8
.4	125.3	33.8	.4	581.8	157.1	.4	1362.3	367.8
.5	131.3	35.4	.5	594.2	160.4	.5	1381.3	372.9
.6	137.3	37.1	.6	606.8	163.8	.6	1400.3	378.1
.7	143.5	38.8	.7	619.5	167.3	.7	1419.5	383.3
.8	149.9	40.5	.8	632.3	170.7	.8	1438.8	388.5
.9	156.4	42.2	.9	645.3	174.2	.9	1458.2	393.7
4.0	163.0	44.0	9.0	658.3	177.8	14.0	1477.8	399.0
.1	169.7	45.8	.1	671.5	181.3	.1	1497.5	404.3
.2	176.6	47.7	.2	684.9	184.9	.2	1517.3	409.7
.3	183.5	49.6	.3	698.4	188.6	.3	1537.3	415.1
.4	190.7	51.5	.4	712.0	192.2	.4	1557.3	420.5
.5	197.9	53.4	.5	725.7	195.9	.5	1577.5	425.9
.6	205.3	55.4	.6	739.6	199.7	.6	1597.9	431.4
.7	212.8	57.5	.7	753.5	203.5	.7	1618.4	437.0
.8	220.4	59.5	.8	767.7	207.3	.8	1639.0	442.5
		61.6	.9	781.9	211.1	.9	1659.7	448.1
		63.8	10.0	796.3	215.0	15.0	1680.6	453.8

TABLE V Side Slopes 1½ : 1 and 2 : 1
Crown 4 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1701.5	459.4	20.1	2916.4	787.4	25.1	4455.3	1202.9
.2	1722.7	465.1	.2	2944.0	794.9	.2	4489.3	1212.1
.3	1743.9	470.9	.3	2971.7	802.4	.3	4523.5	1221.4
.4	1765.3	476.6	.4	2999.6	809.9	.4	4557.9	1230.6
.5	1786.8	482.4	.5	3027.5	817.4	.5	4592.4	1239.9
.6	1808.4	488.3	.6	3055.7	825.0	.6	4627.0	1249.3
.7	1830.2	494.2	.7	3083.9	832.7	.7	4661.7	1258.7
.8	1852.1	500.1	.8	3112.3	840.3	.8	4696.6	1268.1
.9	1874.1	506.0	.9	3140.8	848.0	.9	4731.5	1277.5
16.0	1896.3	512.0	21.0	3169.4	855.8	26.0	4766.7	1287.0
.1	1918.6	518.0	.1	3198.2	863.5	.1	4801.9	1296.5
.2	1941.0	524.1	.2	3227.1	871.3	.2	4837.3	1306.1
.3	1963.5	530.2	.3	3256.1	879.2	.3	4872.8	1315.7
.4	1986.2	536.3	.4	3285.3	887.0	.4	4908.4	1325.3
.5	2009.0	542.4	.5	3314.6	894.9	.5	4944.2	1334.9
.6	2032.0	548.6	.6	3344.0	902.9	.6	4980.1	1344.6
.7	2055.0	554.9	.7	3373.5	910.9	.7	5016.1	1354.4
.8	2078.2	561.1	.8	3403.2	918.9	.8	5052.3	1364.1
.9	2101.5	567.4	.9	3433.0	926.9	.9	5088.6	1373.9
17.0	2125.0	573.8	22.0	3463.0	935.0	27.0	5125.0	1383.8
.1	2148.6	580.1	.1	3493.0	943.1	.1	5161.5	1393.6
.2	2172.3	586.5	.2	3523.2	951.3	.2	5198.2	1403.5
.3	2196.1	593.0	.3	3553.5	959.5	.3	5235.0	1413.5
.4	2220.1	599.4	.4	3584.0	967.7	.4	5272.0	1423.4
.5	2244.2	605.9	.5	3614.6	975.9	.5	5309.0	1433.4
.6	2268.4	612.5	.6	3645.3	984.2	.6	5346.2	1443.5
.7	2292.8	619.1	.7	3676.1	992.6	.7	5383.5	1453.6
.8	2317.3	625.7	.8	3707.1	1000.9	.8	5421.0	1463.7
.9	2341.9	632.3	.9	3738.2	1009.3	.9	5458.6	1473.8
18.0	2366.7	639.0	23.0	3769.4	1017.8	28.0	5496.3	1484.0
.1	2391.5	645.7	.1	3800.8	1026.2	.1	5534.1	1494.2
.2	2416.6	652.5	.2	3832.3	1034.7	.2	5572.1	1504.5
.3	2441.7	659.3	.3	3863.9	1043.3	.3	5610.2	1514.8
.4	2467.0	666.1	.4	3895.7	1051.8	.4	5648.4	1525.1
.5	2492.4	672.9	.5	3927.5	1060.4	.5	5686.8	1535.4
.6	2517.9	679.8	.6	3959.6	1069.1	.6	5725.3	1545.8
.7	2543.5	686.8	.7	3991.7	1077.8	.7	5763.9	1556.3
.8	2569.3	693.7	.8	4024.0	1086.5	.8	5802.7	1566.7
.9	2595.3	700.7	.9	4056.4	1095.2	.9	5841.5	1577.2
19.0	2621.3	707.8	24.0	4088.9	1104.0	29.0	5880.6	1587.8
.1	2647.5	714.8	.1	4121.5	1112.8	.1	5919.7	1598.3
.2	2673.8	721.9	.2	4154.3	1121.7	.2	5959.0	1608.9
.3	2700.2	729.1	.3	4187.3	1130.6	.3	5998.4	1619.6
.4	2726.8	736.2	.4	4220.3	1139.5	.4	6037.9	1630.2
.5	2753.5	743.4	.5	4253.5	1148.4	.5	6077.5	1640 9
.6	2780.3	750.7	.6	4286.8	1157.4	.6	6117.3	1651.7
.7	2807.3	758.0	.7	4320.2	1166.5	.7	6157.3	1662.5
.8	2834.3	765.3	.8	4353.8	1175.5	.8	6197.3	1673.3
.9	2861.5	772.6	.9	4387.5	1184.6	.9	6237.5	1684.1
20.0	2888.9	780.0	25.0	4421.3	1193.8	30.0	6277.8	1695.0

TABLE V Side Slopes 1½ : 1 and 2 : 1
Crown 5 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.92	0.52	5.1	263.0	71.0	10.1	848.2	229.0
.2	3.96	1.07	.2	271.6	73.3	.2	863.2	233.1
.3	6.14	1.66	.3	280.2	75.7	.3	878.4	237.2
.4	8.4	2.28	.4	289.0	78.0	.4	893.6	241.3
.5	10.9	2.94	.5	297.9	80.4	.5	909.0	245.4
.6	13.4	3.63	.6	307.0	82.9	.6	924.6	249.6
.7	16.1	4.36	.7	316.1	85.4	.7	940.2	253.9
.8	19.0	5.12	.8	325.4	87.9	.8	956.0	258.1
.9	21.9	5.9	.9	334.9	90.4	.9	971.9	262.4
1.0	25.0	6.8	6.0	344.4	93.0	11.0	988.0	266.8
.1	28.2	7.6	.1	354.1	95.6	.1	1004.1	271.1
.2	31.6	8.5	.2	364.0	98.3	.2	1020.4	275.5
.3	35.0	9.5	.3	373.9	101.0	.3	1036.9	280.0
.4	38.6	10.4	.4	384.0	103.7	.4	1053.4	284.4
.5	42.4	11.4	.5	394.2	106.4	.5	1070.1	288.9
.6	46.2	12.5	.6	404.6	109.2	.6	1087.0	293.5
.7	50.2	13.6	.7	415.0	112.1	.7	1103.9	298.1
.8	54.3	14.7	.8	425.6	114.9	.8	1121.0	302.7
.9	58.6	15.8	.9	436.4	117.8	.9	1138.2	307.3
2.0	63.0	17.0	7.0	447.2	120.8	12.0	1155.6	312.0
.1	67.5	18.2	.1	458.2	123.7	.1	1173.0	316.7
.2	72.1	19.5	.2	469.3	126.7	.2	1190.6	321.5
.3	76.9	20.8	.3	480.6	129.8	.3	1208.4	326.3
.4	81.8	22.1	.4	492.0	132.8	.4	1226.2	331.1
.5	86.8	23.4	.5	503.5	135.9	.5	1244.2	335.9
.6	92.0	24.8	.6	515.1	139.1	.6	1262.3	340.8
.7	97.3	26.3	.7	526.9	142.3	.7	1280.6	345.8
.8	102.7	27.7	.8	538.8	145.5	.8	1299.0	350.7
.9	108.2	29.2	.9	550.8	148.7	.9	1317.5	355.7
3.0	113.9	30.8	8.0	563.0	152.0	13.0	1336.1	360.8
.1	119.7	32.3	.1	575.3	155.3	.1	1354.9	365.8
.2	125.6	33.9	.2	587.7	158.7	.2	1373.8	370.9
.3	131.7	35.6	.3	600.2	162.1	.3	1392.8	376.1
.4	137.9	37.2	.4	612.9	165.5	.4	1412.0	381.2
.5	144.2	38.9	.5	625.7	168.9	.5	1431.3	386.4
.6	150.7	40.7	.6	638.6	172.4	.6	1450.7	391.7
.7	157.3	42.5	.7	651.7	176.0	.7	1470.2	397.0
.8	164.0	44.3	.8	664.9	179.5	.8	1489.9	402.3
.9	170.8	46.1	.9	678.2	183.1	.9	1509.7	407.6
4.0	177.8	48.0	9.0	691.7	186.8	14.0	1529.6	413.0
.1	184.9	49.9	.1	705.3	190.4	.1	1549.7	418.4
.2	192.1	51.9	.2	719.0	194.1	.2	1569.9	423.9
.3	199.5	53.9	.3	732 8	197.9	.3	1590.2	429.4
.4	207.0	55.9	.4	746.8	201.6	.4	1610.7	434.9
.5	214.6	57.9	.5	760.9	205.4	.5	1631.3	440.4
.6	222.3	60.0	.6	775.1	209.3	.6	1652.0	446.0
.7	230.2	62.2	.7	789.5	213.2	.7	1672.8	451.7
.8	238.2	64.3	.8	804.0	217.1	.8	1693.8	457.3
.9	246.4	66.5	.9	818.6	221.0	.9	1714.9	463.0
5.0	254.6	68.8	10.0	833.3	225.0	15.0	1736.1	468.8

TABLE V Side Slopes 1½ : 1 and 2 : 1
Crown 5 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1757.5	474.5	20.1	2990.8	807.5	25.1	4548.2	1228.9
.2	1779.0	480.3	.2	3018.8	815.1	.2	4582.7	1237.3
.3	1800.6	486.2	.3	3046.9	822.7	.3	4617.3	1246.7
.4	1822.3	492.0	.4	3075.1	830.3	.4	4652.0	1256.0
.5	1844.2	497.9	.5	3103.5	837.9	.5	4686.8	1265.4
.6	1866.2	503.9	.6	3132.0	845.6	.6	4721.8	1274.9
.7	1888.4	509.9	.7	3160.6	853.4	.7	4756.9	1284.4
.8	1910.6	515.9	.8	3189.3	861.1	.8	4792.1	1293.9
.9	1933.0	521.9	.9	3218.2	868.9	.9	4827.5	1303.4
16.0	1955.6	528.0	21.0	3247.2	876.8	26.0	4863.0	1313.0
.1	1978.2	534.1	.1	3276.4	884.6	.1	4898.6	1322.6
.2	2001.0	540.3	.2	3305.6	892.5	.2	4934.3	1332.3
.3	2023.9	546.5	.3	3335.0	900.5	.3	4970.2	1342.0
.4	2047.0	552.7	.4	3364.6	908.4	.4	5006.2	1351.7
.5	2070.1	558.9	.5	3394.2	916.4	.5	5042.4	1361.4
.6	2093.4	565.2	.6	3424.0	924.5	.6	5078.6	1371.2
.7	2116.9	571.6	.7	3453.9	932.6	.7	5115.0	1381.1
.8	2140.4	577.9	.8	3484.0	940.7	.8	5151.6	1390.9
.9	2164.1	584.3	.9	3514.1	948.8	.9	5188.2	1400.8
17.0	2188.0	590.8	22.0	3544.4	957.0	27.0	5225.0	1410.8
.1	2211.9	597.2	.1	3574.9	965.2	.1	5261.9	1420.7
.2	2236.0	603.7	.2	3605.4	973.5	.2	5299.0	1430.7
.3	2260.2	610.3	.3	3636.1	981.8	.3	5336.1	1440.8
.4	2284.6	616.8	.4	3667.0	990.1	.4	5373.4	1450.8
.5	2309.0	623.4	.5	3697.9	998.4	.5	5410.9	1460.9
.6	2333.6	630.1	.6	3729.0	1006.8	.6	5448.4	1471.1
.7	2358.4	636.8	.7	3760.2	1015.3	.7	5486.1	1481.3
.8	2383.2	643.5	.8	3791.6	1023.7	.8	5524.0	1491.5
.9	2408.2	650.2	.9	3823.0	1032.2	.9	5561.9	1501.7
18.0	2433.3	657.0	23.0	3854.6	1040.8	28.0	5600.0	1512.0
.1	2458.6	663.8	.1	3886.4	1049.3	.1	5638.2	1522.3
.2	2484.0	670.7	.2	3918.2	1057.9	.2	5676.6	1532.7
.3	2509.5	677.6	.3	3950.2	1066.6	.3	5715.0	1543.1
.4	2535.1	684.5	.4	3982.3	1075.2	.4	5753.6	1553.5
.5	2560.9	691.4	.5	4014.6	1083.9	.5	5792.4	1563.9
.6	2586.8	698.4	.6	4047.0	1092.7	.6	5831.2	1574.4
.7	2612.8	705.5	.7	4079.5	1101.5	.7	5870.2	1585.0
.8	2639.0	712.5	.8	4112.1	1110.3	.8	5909.3	1595.5
.9	2665.3	719.6	.9	4144.9	1119.1	.9	5948.6	1606.1
19.0	2691.7	726.8	24.0	4177.8	1128.0	29.0	5988.0	1616.8
.1	2718.2	733.9	.1	4210.8	1136.9	.1	6027.5	1627.4
.2	2744.9	741.1	.2	4244.0	1145.9	.2	6067.1	1638.1
.3	2771.7	748.4	.3	4277.3	1154.9	.3	6106.9	1648.9
.4	2798.6	755.6	.4	4310.7	1163.9	.4	6146.8	1659.6
.5	2825.7	762.9	.5	4344.2	1172.9	.5	6186.8	1670.4
.6	2852.9	770.3	.6	4377.9	1182.0	.6	6227.0	1681.3
.7	2880.2	777.7	.7	4411.7	1191.2	.7	6267.3	1692.2
.8	2907.7	785.1	.8	4445.6	1200.3	.8	6307.7	1703.1
.9	2935.3	792.5	.9	4479.7	1209.5	.9	6348.2	1714.0
20.0	2963.0	800.0	25.0	4513.9	1218.8	30.0	6388.9	1725.0

TABLE V Side Slopes 1½ : 1 and 2 : 1
Crown 6 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	2.29	0.62	5.1	281.9	76.1	10.1	885.6	239.1
.2	4.70	1.27	.2	290.8	78.5	.2	901.0	243.3
.3	7.25	1.96	.3	299.8	81.0	.3	916.5	247.5
.4	9.9	2.68	.4	309.0	83.4	.4	932.1	251.7
.5	12.7	3.44	.5	318.3	85.9	.5	947.9	255.9
.6	15.7	4.23	.6	327.7	88.5	.6	963.8	260.2
.7	18.7	5.06	.7	337.3	91.1	.7	979.8	264.6
.8	21.9	5.9	.8	346.9	93.7	.8	996.0	268.9
.9	25.3	6.8	.9	356.7	96.3	.9	1012.3	273.3
1.0	28.7	7.8	6.0	366.7	99.0	11.0	1028.7	277.8
.1	32.3	8.7	.1	376.7	101.7	.1	1045.3	282.2
.2	36.0	9.7	.2	386.9	104.5	.2	1061.9	286.7
.3	39.8	10.8	.3	397.3	107.3	.3	1078.7	291.3
.4	43.8	11.8	.4	407.7	110.1	.4	1095.7	295.8
.5	47.9	12.9	.5	418.3	112.9	.5	1112.7	300.4
.6	52.1	14.1	.6	429.0	115.8	.6	1129.9	305.1
.7	56.5	15.3	.7	439.8	118.8	.7	1147.3	309.8
.8	61.0	16.5	.8	450.8	121.7	.8	1164.7	314.5
.9	65.6	17.7	.9	461.9	124.7	.9	1182.3	319.2
2.0	70.4	19.0	7.0	473.1	127.8	12.0	1200.0	324.0
.1	75.3	20.3	.1	484.5	130.8	.1	1217.8	328.8
.2	80.3	21.7	.2	496.0	133.9	.2	1235.8	333.7
.3	85.4	23.1	.3	507.6	137.1	.3	1253.9	338.6
.4	90.7	24.5	.4	519.4	140.2	.4	1272.1	343.5
.5	96.1	25.9	.5	531.3	143.4	.5	1290.5	348.4
.6	101.6	27.4	.6	543.3	146.7	.6	1309.0	353.4
.7	107.3	29.0	.7	555.4	150.0	.7	1327.6	358.5
.8	113.0	30.5	.8	567.7	153.3	.8	1346.4	363.5
.9	119.0	32.1	.9	580.1	156.6	.9	1365.3	368.6
3.0	125.0	33.8	8.0	592.6	160.0	13.0	1384.3	373.8
.1	131.2	35.4	.1	605.3	163.4	.1	1403.4	378.9
.2	137.5	37.1	.2	618.0	166.9	.2	1422.7	384.1
.3	143.9	38.9	.3	631.0	170.4	.3	1442.1	389.4
.4	150.5	40.6	.4	644.0	173.9	.4	1461.6	394.6
.5	157.2	42.4	.5	657.2	177.4	.5	1481.3	399.9
.6	164.0	44.3	.6	670.5	181.0	.6	1501.0	405.3
.7	171.0	46.2	.7	683.9	184.7	.7	1521.0	410.7
.8	178.0	48.1	.8	697.5	188.3	.8	1541.0	416.1
.9	185.3	50.0	.9	711.2	192.0	.9	1561.2	421.5
4.0	192.6	52.0	9.0	725.0	195.8	14.0	1581.5	427.0
.1	200.1	54.0	.1	739.0	199.5	.1	1601.9	432.5
.2	207.7	56.1	.2	753.0	203.3	.2	1622.5	438.1
.3	215.4	58.2	.3	767.3	207.2	.3	1643.2	443.7
.4	223.3	60.3	.4	781.6	211.0	.4	1664.0	449.3
.5	231.3	62.4	.5	796.1	214.9	.5	1685.0	454.9
.6	239.4	64.6	.6	810.7	218.9	.6	1706.0	460.6
.7	247.6	66.9	.7	825.4	222.9	.7	1727.3	466.4
.8	256.0	69.1	.8	840.3	226.9	.8	1748.6	472.1
.9	264.5	71.4	.9	855.3	230.9	.9	1770.1	477.9
5.0	273.1	73.8	10.0	870.4	235.0	15.0	1791.7	483.8

TABLE V Side Slopes 1½ : 1 and 2 : 1

Crown 6 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1813.4	489.6	20.1	3065.3	827.6	25.1	4641.2	1253.1
.2	1835.3	495.5	.2	3093.6	835.3	.2	4676.0	1262.5
.3	1857.3	501.5	.3	3122.1	843.0	.3	4711.0	1272.0
.4	1879.4	507.4	.4	3150.7	850.7	.4	4746.0	1281.4
.5	1901.6	513.4	.5	3179.4	858.4	.5	4781.3	1290.9
.6	1924.0	519.5	.6	3208.3	866.2	.6	4816.6	1300.5
.7	1946.5	525.6	.7	3237.3	874.1	.7	4852.1	1310.1
.8	1969.1	531.7	.8	3266.4	881.9	.8	4887.7	1319.7
.9	1991.9	537.8	.9	3295.6	889.8	.9	4923.4	1329.3
16.0	2014.8	544.0	21.0	3325.0	897.8	26.0	4959.3	1339.0
.1	2037.8	550.2	.1	3354.5	905.7	.1	4995.3	1348.7
.2	2061.0	556.5	.2	3384.1	913.7	.2	5031.4	1358.5
.3	2084.3	562.8	.3	3413.9	921.8	.3	5067.6	1368.3
.4	2107.7	569.1	.4	3443.8	929.8	.4	5104.0	1378.1
.5	2131.3	575.4	.5	3473.8	937.9	.5	5140.5	1387.9
.6	2154.9	581.8	.6	3504.0	946.1	.6	5177.1	1397.8
.7	2178.7	588.3	.7	3534.3	954.3	.7	5213.9	1407.8
.8	2202.7	594.7	.8	3564.7	962.5	.8	5250.8	1417.7
.9	2226.7	601.2	.9	3595.3	970.7	.9	5287.8	1427.7
17.0	2250.9	607.8	22.0	3625.9	979.0	27.0	5325.0	1437.8
.1	2275.3	614.3	.1	3656.7	987.3	.1	5362.3	1447.8
.2	2299.7	620.9	.2	3687.7	995.7	.2	5399.7	1457.9
.3	2324.3	627.6	.3	3718.7	1004.1	.3	5437.3	1468.1
.4	2349.0	634.2	.4	3749.9	1012.5	.4	5474.9	1478.2
.5	2373.8	640.9	.5	3781.3	1020.9	.5	5512.7	1488.4
.6	2398.8	647.7	.6	3812.7	1029.4	.6	5550.7	1498.7
.7	2423.9	654.5	.7	3844.3	1038.0	.7	5588.7	1509.0
.8	2449.1	661.3	.8	3876.0	1046.5	.8	5626.9	1519.3
.9	2474.5	668.1	.9	3907.8	1055.1	.9	5665.3	1529.6
18.0	2500.0	675.0	23.0	3939.8	1063.8	28.0	5703.7	1540.0
.1	2525.6	681.9	.1	3971.9	1072.4	.1	5742.3	1550.4
.2	2551.4	688.9	.2	4004.1	1081.1	.2	5781.0	1560.9
.3	2577.3	695.9	.3	4036.5	1089.9	.3	5819.8	1571.4
.4	2603.3	702.9	.4	4069.0	1098.6	.4	5858.8	1581.9
.5	2629.4	709.9	.5	4101.6	1107.4	.5	5897.9	1592.4
.6	2655.7	717.0	.6	4134.4	1116.3	.6	5937.1	1603.0
.7	2682.1	724.2	.7	4167.3	1125.2	.7	5976.5	1613.7
.8	2708.6	731.3	.8	4200.3	1134.1	.8	6016.0	1624.3
.9	2735.3	738.5	.9	4233.4	1143.0	.9	6055.6	1635.0
19.0	2762.0	745.8	24.0	4266.7	1152.0	29.0	6095.4	1645.8
.1	2789.0	753.0	.1	4300.1	1161.0	.1	6135.3	1656.5
.2	2816.0	760.3	.2	4333.6	1170.1	.2	6175.3	1667.3
.3	2843.2	767.7	.3	4367.3	1179.2	.3	6215.4	1678.2
.4	2870.5	775.0	.4	4401.0	1188.3	.4	6255.7	1689.0
.5	2897.9	782.4	.5	4435.0	1197.4	.5	6296.1	1699.9
.6	2925.5	789.9	.6	4469.0	1206.6	.6	6336.6	1710.9
.7	2953.2	797.4	.7	4503.2	1215.9	.7	6377.3	1721.9
.8	2981.0	804.9	.8	4537.5	1225.1	.8	6418.0	1732.9
.9	3009.0	812.4	.9	4571.9	1234.4	.9	6459.0	1743.9
20.0	3037.0	820.0	25.0	4606.5	1243.8	30.0	6500.0	1755.0

TABLE V Side Slopes 1½ : 1 and 2 : 1
Crown 7 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	2.66	0.72	5.1	300.8	81.2	10.1	923.0	249.2
.2	5.44	1.47	.2	310.1	83.7	.2	938.8	253.5
.3	8.4	2.26	.3	319.5	86.3	.3	954.7	257.8
.4	11.4	3.08	.4	329.0	88.8	.4	970.7	262.1
.5	14.6	3.94	.5	338.7	91.4	.5	986.8	266.4
.6	17.9	4.83	.6	348.4	94.1	.6	1003.1	270.8
.7	21.3	5.76	.7	358.4	96.8	.7	1019.5	275.3
.8	24.9	6.7	.8	368.4	99.5	.8	1036.0	279.7
.9	28.6	7.7	.9	378.6	102.2	.9	1052.7	284.2
1.0	32.4	8.8	6.0	388.9	105.0	11.0	1069.4	288.8
.1	36.4	9.8	.1	399.3	107.8	.1	1086.4	293.3
.2	40.4	10.9	.2	409.9	110.7	.2	1103.4	297.9
.3	44.7	12.1	.3	420.6	113.6	.3	1120.6	302.6
.4	49.0	13.2	.4	431.4	116.5	.4	1137.9	307.2
.5	53.5	14.4	.5	442.4	119.4	.5	1155.3	311.9
.6	58.1	15.7	.6	453.4	122.4	.6	1172.9	316.7
.7	62.8	17.0	.7	464.7	125.5	.7	1190.6	321.5
.8	67.7	18.3	.8	476.0	128.5	.8	1208.4	326.3
.9	72.7	19.6	.9	487.5	131.6	.9	1226.4	331.1
2.0	77.8	21.0	7.0	499.1	134.8	12.0	1244.4	336.0
.1	83.0	22.4	.1	510.8	137.9	.1	1262.7	340.9
.2	88.4	23.9	.2	522.7	141.1	.2	1281.0	345.9
.3	93.9	25.4	.3	534.7	144.4	.3	1299.5	350.9
.4	99.6	26.9	.4	546.8	147.6	.4	1318.1	355.9
.5	105.3	28.4	.5	559.0	150.9	.5	1336.8	360.9
.6	111.2	30.0	.6	571.4	154.3	.6	1355.7	366.0
.7	117.3	31.7	.7	583.9	157.7	.7	1374.7	371.2
.8	123.4	33.3	.8	596.6	161.1	.8	1393.8	376.3
.9	129.7	35.0	.9	609.3	164.5	.9	1413.0	381.5
3.0	136.1	36.8	8.0	622.2	168.0	13.0	1432.4	386.8
.1	142.7	38.5	.1	635.3	171.5	.1	1451.9	392.0
.2	149.3	40.3	.2	648.4	175.1	.2	1471.6	397.3
.3	156.1	42.2	.3	661.7	178.7	.3	1491.3	402.7
.4	163.1	44.0	.4	675.1	182.3	.4	1511.2	408.0
.5	170.1	45.9	.5	688.7	185.9	.5	1531.3	413.4
.6	177.3	47.9	.6	702.3	189.6	.6	1551.4	418.9
.7	184.7	49.9	.7	716.1	193.4	.7	1571.7	424.4
.8	192.1	51.9	.8	730.1	197.1	.8	1592.1	429.9
.9	199.7	53.9	.9	744.1	200.9	.9	1612.7	435.4
4.0	207.4	56.0	9.0	758.3	204.8	14.0	1633.3	441.0
.1	215.3	58.1	.1	772.7	208.6	.1	1654.1	446.6
.2	223.2	60.3	.2	787.1	212.5	.2	1675.1	452.3
.3	231.3	62.5	.3	801.7	216.5	.3	1696.1	458.0
.4	239.6	64.7	.4	816.4	220.4	.4	1717.3	463.7
.5	247.9	66.9	.5	831.3	224.4	.5	1738.7	469.4
.6	256.4	69.2	.6	846.2	228.5	.6	1760.1	475.2
.7	265.0	71.6	.7	861.3	232.6	.7	1781.7	481.1
.8	273.8	73.9	.8	876.6	236.7	.8	1803.4	486.9
.9	282.7	76.3	.9	891.9	240.8	.9	1825.3	492.8
5.0	291.7	78.8	10.0	907.4	245.0	15.0	1847.2	498.8

TABLE V Side Slopes 1½ : 1 and 2 : 1
Crown 7 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1869.3	504.7	20.1	3139.7	847.7	25.1	4734.1	1278.2
.2	1891.6	510.7	.2	3168.4	855.5	.2	4769.3	1287.7
.3	1913.9	516.8	.3	3197.3	863.3	.3	4804.7	1297.3
.4	1936.4	522.8	.4	3226.2	871.1	.4	4840.1	1306.8
.5	1959.0	528.9	.5	3255.3	878.9	.5	4875.7	1316.4
.6	1981.8	535.1	.6	3284.6	886.8	.6	4911.4	1326.1
.7	2004.7	541.3	.7	3313.9	894.8	.7	4947.3	1335.8
.8	2027.7	547.5	.8	3343.4	902.7	.8	4983.2	1345.5
.9	2050.8	553.7	.9	3373.0	910.7	.9	5019.3	1355.2
16.0	2074.1	560.0	21.0	3402.8	918.8	26.0	5055.6	1365.0
.1	2097.5	566.3	.1	3432.7	926.8	.1	5091.9	1374.8
.2	2121.0	572.7	.2	3462.7	934.9	.2	5128.4	1384.7
.3	2144.7	579.1	.3	3492.8	943.1	.3	5165.0	1394.6
.4	2168.4	585.5	.4	3523.1	951.2	.4	5201.8	1404.5
.5	2192.4	591.9	.5	3553.5	959.4	.5	5238.7	1414.4
.6	2216.4	598.4	.6	3584.0	967.7	.6	5275.7	1424.4
.7	2240.6	605.0	.7	3614.7	976.0	.7	5312.8	1434.5
.8	2264.9	611.5	.8	3645.4	984.3	.8	5350.1	1444.5
.9	2289.3	618.1	.9	3676.4	992.6	.9	5387.5	1454.6
17.0	2313.9	624.8	22.0	3707.4	1001.0	27.0	5425.0	1464.8
.1	2338.6	631.4	.1	3738.6	1009.4	.1	5462.7	1474.9
.2	2363.4	638.1	.2	3769.9	1017.9	.2	5500.4	1485.1
.3	2388.4	644.9	.3	3801.3	1026.4	.3	5538.4	1495.4
.4	2413.4	651.6	.4	3832.9	1034.9	.4	5576.4	1505.6
.5	2438.7	658.4	.5	3864.6	1043.4	.5	5614.6	1515.9
.6	2464.0	665.3	.6	3896.4	1052.0	.6	5652.9	1526.3
.7	2489.5	672.2	.7	3928.4	1060.7	.7	5691.3	1536.7
.8	2515.1	679.1	.8	3960.4	1069.3	.8	5729.9	1547.1
.9	2540.8	686.0	.9	3992.7	1078.0	.9	5768.6	1557.5
18.0	2566.7	693.0	23.0	4025.0	1086.8	28.0	5807.4	1568.0
.1	2592.7	700.0	.1	4057.5	1095.5	.1	5846.4	1578.5
.2	2618.8	707.1	.2	4090.1	1104.3	.2	5885.4	1589.1
.3	2645.0	714.2	.3	4122.8	1113.2	.3	5924.7	1599.7
.4	2671.4	721.3	.4	4155.7	1122.0	.4	5964.0	1610.3
.5	2697.9	728.4	.5	4188.7	1130.9	.5	6003.5	1620.9
.6	2724.6	735.6	.6	4221.8	1139.9	.6	6043.1	1631.6
.7	2751.3	742.9	.7	4255.0	1148.9	.7	6082.8	1642.4
.8	2778.2	750.1	.8	4288.4	1157.9	.8	6122.7	1653.1
.9	2805.3	757.4	.9	4321.9	1166.9	.9	6162.7	1663.9
19.0	2832.4	764.8	24.0	4355.6	1176.0	29.0	6202.8	1674.8
.1	2859.7	772.1	.1	4389.3	1185.1	.1	6243.0	1685.6
.2	2887.1	779.5	.2	4423.2	1194.3	.2	6283.4	1696.5
.3	2914.7	787.0	.3	4457.3	1203.5	.3	6323.9	1707.5
.4	2942.3	794.4	.4	4491.4	1212.7	.4	6364.6	1718.4
.5	2970.1	801.9	.5	4525.7	1221.9	.5	6405.3	1729.4
.6	2998.1	809.5	.6	4560.1	1231.2	.6	6446.2	1740.5
.7	3026.1	817.1	.7	4594.7	1240.6	.7	6487.3	1751.6
.8	3054.3	824.7	.8	4629.3	1249.9	.8	6528.4	1762.7
.9	3082.7	832.3	.9	4664.1	1259.3	.9	6569.7	1773.8
20.0	3111.1	840.0	25.0	4699.1	1268.8	30.0	6611.1	1785.0

TABLE V Side Slopes 1½ : 1 and 2 : 1
Crown 8 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.03	0.82	5.1	319.7	86.3	10.1	960.4	259.
.2	6.19	1.67	.2	329.3	88.9	.2	976.6	263.
.3	9.5	2.56	.3	339.1	91.6	.3	992.8	268.
.4	12.9	3.48	.4	349.0	94.2	.4	1009.2	272.
.5	16.4	4.44	.5	359.0	96.9	.5	1025.7	276.
.6	20.1	5.43	.6	369.2	99.7	.6	1042.3	281 — 4
.7	23.9	6.5	.7	379.5	102.5	.7	1059.1	286 — 0
.8	27.9	7.5	.8	389.9	105.3	.8	1076.0	290 — 5
.9	31.9	8.6	.9	400.4	108.1	.9	1093.0	295 — 1
1.0	36.1	9.8	6.0	411.1	111.0	11.0	1110.2	299 — 8
.1	40.4	10.9	.1	421.9	113.9	.1	1127.5	304 — 4
.2	44.9	12.1	.2	432.9	116.9	.2	1144.9	309 — 1
.3	49.5	13.4	.3	443.9	119.9	.3	1162.4	313 — 9
.4	54.2	14.6	.4	455.1	122.9	.4	1180.1	318 — 6
.5	59.0	15.9	.5	466.4	125.9	.5	1197.9	323 — 4
.6	64.0	17.3	.6	477.9	129.0	.6	1215.9	328 — 3
.7	69.1	18.7	.7	489.5	132.2	.7	1233.9	333 — 2
.8	74.3	20.1	.8	501.2	135.3	.8	1252.1	338 — 1
.9	79.7	21.5	.9	513.0	138.5	.9	1270.4	343 — 0
2.0	85.2	23.0	7.0	525.0	141.8	12.0	1288.9	348 — 0
.1	90.8	24.5	.1	537.1	145.0	.1	1307.5	353 — 0
.2	96.6	26.1	.2	549.3	148.3	.2	1326.2	358 — 1
.3	102.4	27.7	.3	561.7	151.7	.3	1345.0	363 — 2
.4	108.4	29.3	.4	574 2	155 0	.4	1364.0	368 — 3
.5	114.6	30.9	.5	586.8	158.4	.5	1383.1	373 — 4
.6	120.9	32.6	.6	599.6	161.9	.6	1402.3	378 — 6
.7	127.3	34.4	.7	612.4	165.4	.7	1421.7	383 — 9
.8	133.8	36.1	.8	625.4	168.9	.8	1441.2	389 — 1
.9	140.4	37.9	.9	638.6	172.4	.9	1460.8	394 — 4
3.0	147.2	39.8	8.0	651.9	176.0	13.0	1480.6	399 — 8
.1	154.1	41.6	.1	665.3	179.6	.1	1500.4	405 — 1
.2	161.2	43.5	.2	678.8	183.3	.2	1520.4	410 — 5
.3	168.4	45.5	.3	692.4	187.0	.3	1540.6	416 — 0
.4	175.7	47.4	.4	706.2	190.7	.4	1560.9	421 — 4
.5	183.1	49.4	.5	720.1	194.4	.5	1581.3	426 — 9
.6	190.7	51.5	.6	734.2	198.2	.6	1601.8	432 — 5
.7	198.4	53.6	.7	748.4	202.1	.7	1622.4	438 — 1
.8	206.2	55.7	.8	762.7	205.9	.8	1643.2	443 — 7
.9	214.1	57.8	.9	777.1	209.8	.9	1664.1	449 — 3
4.0	222.2	60.0	9.0	791.7	213.8	14.0	1685.2	455 — 0
.1	230.4	62.2	.1	806.4	217.7	.1	1706.4	460.7
.2	238.8	64.5	.2	821.2	221.7	.2	1727.7	466.5
.3	247.3	66.8	.3	836.1	225.8	.3	1749.1	472.3
.4	255.9	69.1	.4	851.2	229.8	.4	1770.7	478.1
.5	264.6	71.4	.5	866.4	233.9	.5	1792.4	483.9
.6	273.4	73.8	.6	881.8	238.1	.6	1814.2	489.8
.7	282.4	76.3	.7	897.3	242.3	.7	1836.1	495.8
.8	291.6	78.7	.8	912.9	246.5	.8	1858.2	501.7
.9	300.8	81.2	.9	928.6	250.7	.9	1880.4	507.7
5.0	310.2	83.8	10.0	944.4	255.0	15.0	1902.8	513.8

TABLE V Side Slopes 1½ : 1 and 2 : 1
Crown 8 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1925.3	519.8	20.1	3214.1	867.8	25.1	4827.1	1303.3
.2	1947.9	525.9	.2	3243.2	875.7	.2	4862.7	1312.9
.3	1970.6	532.1	.3	3272.4	883.6	.3	4898.4	1322.6
.4	1993.4	538.2	.4	3301.8	891.5	.4	4934.2	1332.2
.5	2016.4	544.4	.5	3331.3	899.4	.5	4970.1	1341.9
.6	2039.6	550.7	.6	3360.9	907.4	.6	5006.2	1351.7
.7	2062.8	557.0	.7	3390.6	915.5	.7	5042.4	1361.5
.8	2086.2	563.3	.8	3420.4	923.5	.8	5078.8	1371.3
.9	2109.7	569.6	.9	3450.4	931.6	.9	5115.3	1381.1
16.0	2133.3	576.0	21.0	3480.6	939.8	26.0	5151.9	1391.0
.1	2157.1	582.4	.1	3510.8	947.9	.1	5188.6	1400.9
.2	2181.0	588.9	.2	3541.2	956.1	.2	5225.4	1410.9
.3	2205.0	595.4	.3	3571.7	964.4	.3	5262.4	1420.9
.4	2229.2	601.9	.4	3602.3	972.6	.4	5299.6	1430.9
.5	2253.5	608.4	.5	3633.1	980.9	.5	5336.8	1440.9
.6	2277.9	615.0	.6	3664.0	989.3	.6	5374.2	1451.0
.7	2302.4	621.7	.7	3695.0	997.7	.7	5411.7	1461.2
.8	2327.1	628.3	.8	3726.2	1006.1	.8	5449.3	1471.3
.9	2351.9	635.0	.9	3757.5	1014.5	.9	5487.1	1481.5
17.0	2376.9	641.8	22.0	3788.9	1023.0	27.0	5525.0	1491.8
.1	2401.9	648.5	.1	3820.4	1031.5	.1	5563.0	1502.0
.2	2427.1	655.3	.2	3852.1	1040.1	.2	5601.2	1512.3
.3	2452.4	662.2	.3	3883.9	1048.7	.3	5639.5	1522.7
.4	2477.9	669.0	.4	3915.9	1057.3	.4	5677.9	1533.0
.5	2503.5	675.9	.5	3947.9	1065.9	.5	5716.4	1543.4
.6	2529.2	682.9	.6	3980.1	1074.6	.6	5755.1	1553.9
.7	2555.0	689.9	.7	4012.4	1083.4	.7	5793.9	1564.4
.8	2581.0	696.9	.8	4044.9	1092.1	.8	5832.9	1574.9
.9	2607.1	703.9	.9	4077.5	1100.9	.9	5871.9	1585.4
18.0	2633.3	711.0	23.0	4110.2	1109.8	28.0	5911.1	1596.0
.1	2659.7	718.1	.1	4143.0	1118.6	.1	5950.4	1606.6
.2	2686.2	725.3	.2	4176.0	1127.5	.2	5989.9	1617.3
.3	2712.8	732.5	.3	4209.1	1136.5	.3	6029.5	1628.0
.4	2739.6	739.7	.4	4242.3	1145.4	.4	6069.2	1638.7
.5	2766.4	746.9	.5	4275.7	1154.4	.5	6109.0	1649.4
.6	2793.4	754.2	.6	4309.2	1163.5	.6	6149.0	1660.2
.7	2820.6	761.6	.7	4342.8	1172.6	.7	6189.1	1671.1
.8	2847.9	768.9	.8	4376.6	1181.7	.8	6229.3	1681.9
.9	2875.3	776.3	.9	4410.4	1190.8	.9	6269.7	1692.8
19.0	2902.8	783.8	24.0	4444.4	1200.0	29.0	6310.2	1703.8
.1	2930.4	791.2	.1	4478.6	1209.2	.1	6350.8	1714.7
.2	2958.2	798.7	.2	4512.9	1218.5	.2	6391.6	1725.7
.3	2986.1	806.3	.3	4547.3	1227.8	.3	6432.4	1736.8
.4	3014.2	813.8	.4	4581.8	1237.1	.4	6473.4	1747.8
.5	3042.4	821.4	.5	4616.4	1246.4	.5	6514.6	1758.9
.6	3070.7	829.1	.6	4651.2	1255.8	.6	6555.9	1770.1
.7	3099.1	836.8	.7	4686.1	1265.3	.7	6597.3	1781.3
.8	3127.7	844.5	.8	4721.2	1274.7	.8	6638.8	1792.5
.9	3156.4	852.2	.9	4756.4	1284.2	.9	6680.4	1803.7
20.0	3185.2	860.0	25.0	4791.7	1293.8	30.0	6722.2	1815.0

TABLE V Side Slopes 1½ : 1 and 2 : 1
Crown 9 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	S in S
0.1	3.40	0.92	5.1	338.6	91.4	10.1	997.8	
.2	6.93	1.87	.2	348.6	94.1	.2	1014.3	
.3	10.6	2.86	.3	358.7	96.9	.3	1031.0	
.4	14.4	3.88	.4	369.0	99.6	.4	1047.7	
.5	18.3	4.94	.5	379.4	102.4	.5	1064.6	
.6	22.3	6.03	.6	389.9	105.3	.6	1081.6	
.7	26.5	7.2	.7	400.6	108.2	.7	1098.7	
.8	30.8	8.3	.8	411.4	111.1	.8	1116 0	
.9	35.3	9.5	.9	422.3	114.0	.9	1133.4	
1.0	39.8	10.8	6.0	433.3	117.0	11.0	1150.9	
.1	44.5	12.0	.1	444.5	120.0	.1	1168.6	
.2	49.3	13.3	.2	455.8	123.1	.2	1186.4	
.3	54.3	14.7	.3	467.3	126.2	.3	1204.3	
.4	59.4	16.0	.4	478.8	129.3	.4	1222.3	
.5	64.6	17.4	.5	490.5	132.4	.5	1240.5	
.6	69.9	18.9	.6	502.3	135.6	.6	1258.8	
.7	75.4	20.4	.7	514.3	138.9	.7	1277.3	
.8	81.0	21.9	.8	526.4	142.1	.8	1295.8	
.9	86.7	23.4	.9	538.6	145.4	.9	1314.5	
2.0	92.6	25.0	7.0	550.9	148.8	12.0	1333.3	
.1	98.6	26.6	.1	563.4	152.1	.1	1352.3	
.2	104.7	28.3	.2	576.0	155.5	.2	1371.4	
.3	111.0	30.0	.3	588.7	159.0	.3	1390.6	
.4	117.3	31.7	.4	601.6	162.4	.4	1409.9	
.5	123.8	33.4	.5	614.6	165.9	.5	1429.4	
.6	130.5	35.2	.6	627.7	169.5	.6	1449.0	
.7	137.3	37.1	.7	641.0	173.1	.7	1468.7	
.8	144.1	38.9	.8	654.3	176.7	.8	1488.6	
.9	151.2	40.8	.9	667.8	180.3	.9	1508.6	
3.0	158.3	42.8	8.0	681.5	184.0	13.0	1528.7	
.1	165.6	44.7	.1	695.3	187.7	.1	1549.0	
.2	173.0	46.7	.2	709.1	191.5	.2	1569.3	
.3	180.6	48.8	.3	723.2	195.3	.3	1589.8	
.4	188.3	50.8	.4	737.3	199.1	.4	1610.5	
.5	196.1	52.9	.5	751.6	202.9	.5	1631.3	
.6	204.0	55.1	.6	766.0	206.8	.6	1652.1	
.7	212.1	57.3	.7	780.6	210.8	.7	1673.2	
.8	220.3	59.5	.8	795.3	214.7	.8	1694.3	
.9	228.6	61.7	.9	810.1	218.7	.9	1715.6	
4.0	237.0	64.0	9.0	825.0	222.8	14.0	1737.0	
.1	245.6	66.3	.1	840.1	226.8	.1	1758.6	
.2	254.3	68.7	.2	855.3	230.9	.2	1780.3	
.3	263.2	71.1	.3	870.6	235.1	.3	1802.1	
.4	272.1	73.5	.4	886.0	239.2	.4	1824.0	
.5	281.3	75.9	.5	901.6	243.4	.5	1846.1	
.6	290.5	78.4	.6	917.3	247.7	.6	1868.3	
.7	299.8	81.0	.7	933.2	252.0	.7	1890.6	
.8	309.3	83.5	.8	949.1	256.3	.8	1913.0	
.9	319.0	86.1	.9	965.3	260.6	.9	1935.6	
" 0	328.7	88.8	10.0	981.5	265.0	15.0	1958.3	

TABLE V Side Slopes 1½ : 1 and 2 : 1
Crown 9 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1981.2	534.9	20.1	3288.6	887.9	25.1	4920.1	1328.4
.2	2004.1	541.1	.2	3318.0	895.9	.2	4956.0	1338.1
.3	2027.3	547.4	.3	3347.6	903.9	.3	4992.1	1347.9
.4	2050.5	553.6	.4	3377.3	911.9	.4	5028.3	1357.6
.5	2073.8	559.9	.5	3407.2	919.9	.5	5064.6	1367.4
.6	2097.3	566.3	.6	3437.1	928.0	.6	5101.0	1377.3
.7	2121.0	572.7	.7	3467.3	936.2	.7	5137.6	1387.2
.8	2144.7	579.1	.8	3497.5	944.3	.8	5174.3	1397.1
.9	2168.6	585.5	.9	3527.8	952.5	.9	5211.2	1407.0
16.0	2192.6	592.0	21.0	3558.3	960.8	26.0	5248.1	1417.0
.1	2216.7	598.5	.1	3589.0	969.0	.1	5285.3	1427.0
.2	2241.0	605.1	.2	3619.7	977.3	.2	5322.5	1437.1
.3	2265.4	611.7	.3	3650.6	985.7	.3	5359.8	1447.2
.4	2289.9	618.3	.4	3681.6	994.0	.4	5397.3	1457.3
.5	2314.6	624.9	.5	3712.7	1002.4	.5	5435.0	1467.4
.6	2339.4	631.6	.6	3744.0	1010.9	.6	5472.7	1477.6
.7	2364.3	638.4	.7	3775.4	1019.4	.7	5510.6	1487.9
.8	2389.3	645.1	.8	3806.9	1027.9	.8	5548.6	1498.1
.9	2414.5	651.9	.9	3838.6	1036.4	.9	5586.7	1508.4
17.0	2439.8	658.8	22.0	3870.4	1045.0	27.0	5625.0	1518.8
.1	2465.3	665.6	.1	3902.3	1053.6	.1	5663.4	1529.1
.2	2490.8	672.5	.2	3934.3	1062.3	.2	5701.9	1539.5
.3	2516.5	679.5	.3	3966.5	1071.0	.3	5740.6	1550.0
.4	2542.3	686.4	.4	3998.8	1079.7	.4	5779.4	1560.4
.5	2568.3	693.4	.5	4031.3	1088.4	.5	5818.3	1570.9
.6	2594.4	700.5	.6	4063.8	1097.2	.6	5857.3	1581.5
.7	2620.6	707.6	.7	4096.5	1106.1	.7	5896.5	1592.1
.8	2646.9	714.7	.8	4129.3	1114.9	.8	5935.8	1602.7
.9	2673.4	721.8	.9	4162.3	1123.8	.9	5975.3	1613.3
18.0	2700.0	729.0	23.0	4195.4	1132.8	28.0	6014.8	1624.0
.1	2726.7	736.2	.1	4228.6	1141.7	.1	6054.5	1634.7
.2	2753.6	743.5	.2	4261.9	1150.7	.2	6094.3	1645.5
.3	2780.6	750.8	.3	4295.4	1159.8	.3	6134.3	1656.3
.4	2807.7	758.1	.4	4329.0	1168.8	.4	6174.4	1667.1
.5	2835.0	765.4	.5	4362.7	1177.9	.5	6214.6	1677.9
.6	2862.3	772.8	.6	4396.6	1187.1	.6	6254.9	1688.8
.7	2889.8	780.3	.7	4430.6	1196.3	.7	6295.4	1699.8
.8	2917.5	787.7	.8	4464.7	1205.5	.8	6336.0	1710.7
.9	2945.3	795.2	.9	4499.0	1214.7	.9	6376.7	1721.7
19.0	2973.1	802.8	24.0	4533.3	1224.0	29.0	6417.6	1732.8
.1	3001.2	810.3	.1	4567.8	1233.3	.1	6458.6	1743.8
.2	3029.3	817.9	.2	4602.5	1242.7	.2	6499.7	1754.9
.3	3057.6	825.6	.3	4637.3	1252.1	.3	6541.0	1766.1
.4	3086.0	833.2	.4	4672.1	1261.5	.4	6582.3	1777.2
.5	3114.6	840.9	.5	4707.2	1270.9	.5	6623.8	1788.4
.6	3143.3	848.7	.6	4742.3	1280.4	.6	6665.5	1799.7
.7	3172.1	856.5	.7	4777.6	1290.0	.7	6707.3	1811.0
.8	3201.0	864.3	.8	4813.0	1299.5	.8	6749.1	1822.3
.9	3230.1	872.1	.9	4848.6	1309.1	.9	6791.2	1833.6
20.0	3259.3	880.0	25.0	4884.3	1318.8	30.0	6833.3	1845.0

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TABLE V Side Slopes 1½ : 1 and 2 : 1
Crown 10 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.77	1.02	5.1	357.5	96.5	10.1	1035.3	279.5
.2	7.67	2.07	.2	367.9	99.3	.2	1052.1	284.1
.3	11.7	3.16	.3	378.4	102.2	.3	1069.1	288.7
.4	15.9	4.28	.4	389.0	105.0	.4	1086.2	293.3
.5	20.1	5.44	.5	399.8	107.9	.5	1103.5	297.9
.6	24.6	6.6	.6	410.7	110.9	.6	1120.9	302.6
.7	29.1	7.9	.7	421.7	113.9	.7	1138.4	307.4
.8	33.8	9.1	.8	432.9	116.9	.8	1156.0	312.1
.9	38.6	10.4	.9	444.1	119.9	.9	1173.8	316.9
1.0	43.5	11.8	6.0	455.6	123.0	11.0	1191.7	321.8
.1	48.6	13.1	.1	467.1	126.1	.1	1209.7	326.6
.2	53.8	14.5	.2	478.8	129.3	.2	1227.9	331.5
.3	59.1	16.0	.3	490.6	132.5	.3	1246.1	336.5
.4	64.6	17.4	.4	502.5	135.7	.4	1264.6	341.4
.5	70.1	18.9	.5	514.6	138.9	.5	1283.1	346.4
.6	75.9	20.5	.6	526.8	142.2	.6	1301.8	351.5
.7	81.7	22.1	.7	539.1	145.6	.7	1320.6	356.6
.8	87.7	23.7	.8	551.6	148.9	.8	1339.5	361.7
.9	93.8	25.3	.9	564.1	152.3	.9	1358.6	366.8
2.0	100.0	27.0	7.0	576.9	155.8	12.0	1377.8	372.0
.1	106.4	28.7	.1	589.7	159.2	.1	1397.1	377.2
.2	112.9	30.5	.2	602.7	162.7	.2	1416.6	382.5
.3	119.5	32.3	.3	615.8	166.3	.3	1436.1	387.8
.4	126.2	34.1	.4	629.0	169.8	.4	1455.9	393.1
.5	133.1	35.9	.5	642.4	173.4	.5	1475.7	398.4
.6	140.1	37.8	.6	655.9	177.1	.6	1495.7	403.8
.7	147.3	39.8	.7	669.5	180.8	.7	1515.8	409.3
.8	154.5	41.7	.8	683.2	184.5	.8	1536.0	414.7
.9	161.9	43.7	.9	697.1	188.2	.9	1556.4	420.2
3.0	169.4	45.8	8.0	711.1	192.0	13.0	1576.9	425.8
.1	177.1	47.8	.1	725.3	195.8	.1	1597.5	431.3
.2	184.9	49.9	.2	739.5	199.7	.2	1618.2	436.9
.3	192.8	52.1	.3	753.9	203.6	.3	1639.1	442.6
.4	200.9	54.2	.4	768.4	207.5	.4	1660.1	448.2
.5	209.0	56.4	.5	783.1	211.4	.5	1681.3	453.9
.6	217.3	58.7	.6	797.9	215.4	.6	1702.5	459.7
.7	225 8	61.0	.7	812.8	219.5	.7	1723.9	465.5
.8	234.3	63.3	.8	827.9	223.5	.8	1745.4	471.3
.9	243.0	65.6	.9	843.0	227.6	.9	1767.1	477.1
4.0	251.9	68.0	9.0	858.3	231.8	14.0	1788.9	483.0
.1	260.8	70.4	.1	873.8	235.9	.1	1810.8	488.9
.2	269.9	72.9	.2	889.3	240.1	.2	1832.9	494.9
.3	279.1	75.4	.3	905.0	244.4	.3	1855.0	500.9
.4	288.4	77.9	.4	920.9	248.6	.4	1877.3	506.9
.5	297.9	80.4	.5	936.8	252.9	.5	1899.8	512.9
.6	307.5	83.0	.6	952.9	257.3	.6	1922.3	519.
.7	317.3	85.7	.7	969.1	261.7	.7	1945.0	525.
.8	327.1	88.3	.8	985.4	266.1	.8	1967.9	531.
.9	337.1	91.0	.9	1001.9	270.5	.9	1990.8	537.
5.0	347.2	93.8	10.0	1018.5	275.0	15.0	2013.9	543.

TABLE V Side Slopes 1½ : 1 and 2 : 1
Crown 10 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2037.1	550.0	20.1	3363.0	908.0	25.1	5013.0	1353.5
.2	2060.4	556.3	.2	3392.9	916.1	.2	5049.3	1363.3
.3	2083.9	562.7	.3	3422.8	924.2	.3	5085.8	1373.2
.4	2107.5	569.0	.4	3452.9	932.3	.4	5122.3	1383.0
.5	2131.3	575.4	.5	3483.1	940.4	.5	5159.0	1392.9
.6	2155.1	581.9	.6	3513.4	948.6	.6	5195.9	1402.9
.7	2179.1	588.4	.7	3543.9	956.9	.7	5232.8	1412.9
.8	2203.2	594.9	.8	3574.5	965.1	.8	5269.9	1422.9
.9	2227.5	601.4	.9	3605.3	973.4	.9	5307.1	1432.9
16.0	2251.9	608.0	21.0	3636.1	981.8	26.0	5344.4	1443.0
.1	2276.4	614.6	.1	3667.1	990.1	.1	5381.9	1453.1
.2	2301.0	621.3	.2	3698.2	998.5	.2	5419.5	1463.3
.3	2325.8	628.0	.3	3729.5	1007.0	.3	5457.3	1473.5
.4	2350.7	634.7	.4	3760.9	1015.4	.4	5495.1	1483.7
.5	2375.7	641.4	.5	3792.4	1023.9	.5	5533.1	1493.9
.6	2400.9	648.2	.6	3824.0	1032.5	.6	5571.2	1504.2
.7	2426.1	655.1	.7	3855.8	1041.1	.7	5609.5	1514.6
.8	2451.6	661.9	.8	3887.7	1049.7	.8	5647.9	1524.9
.9	2477.1	668.8	.9	3919.7	1058.3	.9	5686.4	1535.3
17.0	2502.8	675.8	22.0	3951.9	1067.0	27.0	5725.0	1545.8
.1	2528.6	682.7	.1	3984.1	1075.7	.1	5763.8	1556.2
.2	2554.5	689.7	.2	4016.6	1084.5	.2	5802.7	1566.7
.3	2580.6	696.8	.3	4049.1	1093.3	.3	5841.7	1577.3
.4	2606.8	703.8	.4	4081.8	1102.1	.4	5880.9	1587.8
.5	2633.1	710.9	.5	4114.6	1110.9	.5	5920.1	1598.4
.6	2659.6	718.1	.6	4147.5	1119.8	.6	5959.6	1609.1
.7	2686.1	725.3	.7	4180.6	1128.8	.7	5999.1	1619.8
.8	2712.9	732.5	.8	4213.8	1137.7	.8	6038.8	1630.5
.9	2739.7	739.7	.9	4247.1	1146.7	.9	6078.6	1641.2
18.0	2766.7	747.0	23.0	4280.6	1155.8	28.0	6118.5	1652.0
.1	2793.8	754.3	.1	4314.1	1164.8	.1	6158.6	1662.8
.2	2821.0	761.7	.2	4347.9	1173.9	.2	6198.8	1673.7
.3	2848.4	769.1	.3	4381.7	1183.1	.3	6239.1	1684.6
.4	2875.9	776.5	.4	4415.7	1192.2	.4	6279.6	1695.5
.5	2903.5	783.9	.5	4449.8	1201.4	.5	6320.1	1706.4
.6	2931.2	791.4	.6	4484.0	1210.7	.6	6360.9	1717.4
.7	2959.1	799.0	.7	4518.4	1220.0	.7	6401.7	1728.5
.8	2987.1	806.5	.8	4552.9	1229.3	.8	6442.7	1739.5
.9	3015.3	814.1	.9	4587.5	1238.6	.9	6483.8	1750.6
19.0	3043.5	821.8	24.0	4622.2	1248.0	29.0	6525.0	1761.8
.1	3071.9	829.4	.1	4657.1	1257.4	.1	6566.4	1772.9
.2	3100.4	837.1	.2	4692.1	1266.9	.2	6607.9	1784.1
.3	3129.1	844.9	.3	4727.3	1276.4	.3	6649.5	1795.4
.4	3157.9	852.6	.4	4762.5	1285.9	.4	6691.2	1806.6
.5	3186.8	860.4	.5	4797.9	1295.4	.5	6733.1	1817.9
.6	3215.9	868.3	.6	4833.4	1305.0	.6	6775.1	1829.3
.7	3245.0	876.2	.7	4869.1	1314.7	.7	6817.3	1840.7
.8	3274.3	884.1	.8	4904.9	1324.3	.8	6859.5	1852.1
.9	3303.8	892.0	.9	4940.8	1334.0	.9	6901.9	1863.5
20.0	3333.3	900.0	25.0	4976.9	1343.8	30.0	6944.4	1875.0

TABLE VI Side Slopes 1½ : 1 and 3 : 1
Crown 1 Foot

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	0.454	0.123	5.1	235.6	63.6	10.1	887.5	239.6
.2	1.074	0.290	.2	244.6	66.0	.2	904.8	244.3
.3	1.86	0.503	.3	253.7	68.5	.3	922.2	249.0
.4	2.81	0.76	.4	263.0	71.0	.4	939.9	253.8
.5	3.94	1.06	.5	272.5	73.6	.5	957.6	258.6
.6	5.22	1.41	.6	282.1	76.2	.6	975.6	263.4
.7	6.7	1.80	.7	291.9	78.8	.7	993.7	268.3
.8	8.3	2.24	.8	301.8	81.5	.8	1012.0	273.2
.9	10.1	2.72	.9	311.9	84.2	.9	1030.5	278.2
1.0	12.0	3.25	6.0	322.2	87.0	11.0	1049.1	283.3
.1	14.2	3.82	.1	332.7	89.8	.1	1067.9	288.3
.2	16.4	4.44	.2	343.3	92.7	.2	1086.8	293.4
.3	18.9	5.10	.3	354.1	95.6	.3	1105.9	298.6
.4	21.5	5.8	.4	365.0	98.6	.4	1125.2	303.8
.5	24.3	6.6	.5	376.2	101.6	.5	1144.7	309.1
.6	27.3	7.4	.6	387.4	104.6	.6	1164.3	314.4
.7	30.4	8.2	.7	398.9	107.7	.7	1184.1	319.7
.8	33.7	9.1	.8	410.5	110.8	.8	1204.0	325.1
.9	37.1	10.0	.9	422.3	114.0	.9	1224.2	330.5
2.0	40.7	11.0	7.0	434.3	117.3	12.0	1244.4	336.0
.1	44.5	12.0	.1	446.4	120.5	.1	1264.9	341.5
.2	48.5	13.1	.2	458.7	123.8	.2	1285.5	347.1
.3	52.6	14.2	.3	471.1	127.2	.3	1306.3	352.7
.4	56.9	15.4	.4	483.7	130.6	.4	1327.3	358.4
.5	61.3	16.6	.5	496.5	134.1	.5	1348.4	364.1
.6	66.0	17.8	.6	509.5	137.6	.6	1369.7	369.8
.7	70.8	19.1	.7	522.6	141.1	.7	1391.1	375.6
.8	75.7	20.4	.8	535.9	144.7	.8	1412.7	381.4
.9	80.8	21.8	.9	549.3	148.3	.9	1434.5	387.3
3.0	86.1	23.3	8.0	563.0	152.0	13.0	1456.5	393.3
.1	91.6	24.7	.1	576.8	155.7	.1	1478.6	399.2
.2	97.2	26.2	.2	590.7	159.5	.2	1500.9	405.2
.3	103.0	27.8	.3	604.8	163.3	.3	1523.3	411.3
.4	108.9	29.4	.4	619.1	167.2	.4	1546.0	417.4
.5	115.0	31.1	.5	633.6	171.1	.5	1568.8	423.6
.6	121.3	32.8	.6	648.2	175.0	.6	1591.7	429.8
.7	127.8	34.5	.7	663.0	179.0	.7	1614.8	436.0
.8	134.4	36.3	.8	677.9	183.0	.8	1638.1	442.3
.9	141.2	38.1	.9	693.0	187.1	.9	1661.6	448.6
4.0	148.1	40.0	9.0	708.3	191.3	14.0	1685.2	455.0
.1	155.3	41.9	.1	723.8	195.4	.1	1709.0	461.4
.2	162.6	43.9	.2	739.4	199.6	.2	1732.9	467.9
.3	170.0	45.9	.3	755.2	203.9	.3	1757.0	474.4
.4	177.6	48.0	.4	771.1	208.2	.4	1781.3	481.0
.5	185.4	50.1	.5	787.3	212.6	.5	1805.8	487.6
.6	193.4	52.2	.6	803.6	217.0	.6	1830.4	494.2
.7	201.5	54.4	.7	820.0	221.4	.7	1855.2	500.9
.8	209.8	56.6	.8	836.6	225.9	.8	1880.1	507.6
.9	218.2	58.9	.9	853.4	230.4	.9	1905.3	514.4
5.0	226.9	61.3	10.0	870.4	235.0	15.0	1930.6	521.3

TABLE VI Side Slopes 1½ : 1 and 3 : 1
Crown 1 Foot

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	1956.0	528.1	20.1	3441.2	929.1	25.1	5343.0	1442.6
.2	1981.6	535.0	.2	3475.1	938.3	.2	5385.3	1454.0
.3	2007.4	542.0	.3	3509.3	947.5	.3	5427.8	1465.5
.4	2033.4	549.0	.4	3543.6	956.8	.4	5470.4	1477.0
.5	2059.5	556.1	.5	3578.0	966.1	.5	5513.2	1488.6
.6	2085.8	563.2	.6	3612.6	975.4	.6	5556.1	1500.2
.7	2112.2	570.3	.7	3647.4	984.8	.7	5599.3	1511.8
.8	2138.9	577.5	.8	3682.4	994.2	.8	5642.6	1523.5
.9	2165.6	584.7	.9	3717.5	1003.7	.9	5686.0	1535.2
16.0	2192.6	592.0	21.0	3752.8	1013.3	26.0	5729.6	1547.0
.1	2219.7	599.3	.1	3788.2	1022.8	.1	5773.4	1558.8
.2	2247.0	606.7	.2	3823.9	1032.4	.2	5817.4	1570.7
.3	2274.5	614.1	.3	3859.6	1042.1	.3	5861.5	1582.6
.4	2302.1	621.6	.4	3895.6	1051.8	.4	5905.8	1594.6
.5	2329.9	629.1	.5	3931.7	1061.6	.5	5950.2	1606.6
.6	2357.8	636.6	.6	3968.0	1071.4	.6	5994.9	1618.6
.7	2385.9	644.2	.7	4004.5	1081.2	.7	6039.6	1630.7
.8	2414.2	651.8	.8	4041.1	1091.1	.8	6084.6	1642.8
.9	2442.7	659.5	.9	4077.9	1101.0	.9	6129.7	1655.0
17.0	2471.3	667.3	22.0	4114.8	1111.0	27.0	6175.0	1667.3
.1	2500.1	675.0	.1	4151.9	1121.0	.1	6220.5	1679.5
.2	2529.0	682.8	.2	4189.2	1131.1	.2	6266.1	1691.8
.3	2558.2	690.7	.3	4226.7	1141.2	.3	6311.9	1704.2
.4	2587.4	698.6	.4	4264.3	1151.4	.4	6357.8	1716.6
.5	2616.9	706.6	.5	4302.1	1161.6	.5	6403.9	1729.1
.6	2646.5	714.6	.6	4340.0	1171.8	.6	6450.2	1741.6
.7	2676.3	722.6	.7	4378.2	1182.1	.7	6496.7	1754.1
.8	2706.3	730.7	.8	4416.4	1192.4	.8	6543.3	1766.7
.9	2736.4	738.8	.9	4454.9	1202.8	.9	6590.1	1779.3
18.0	2766.7	747.0	23.0	4493.5	1213.3	28.0	6637.0	1792.0
.1	2797.1	755.2	.1	4532.3	1223.7	.1	6684.2	1804.7
.2	2827.7	763.5	.2	4571.3	1234.2	.2	6731.4	1817.5
.3	2858.5	771.8	.3	4610.4	1244.8	.3	6778.9	1830.3
.4	2889.5	780.2	.4	4649.7	1255.4	.4	6826.5	1843.2
.5	2920.6	788.6	.5	4689.1	1266.1	.5	6874.3	1856.1
.6	2951.9	797.0	.6	4728.7	1276.8	.6	6922.3	1869.0
.7	2983.3	805.5	.7	4768.5	1287.5	.7	6970.4	1882.0
.8	3015.0	814.0	.8	4808.5	1298.3	.8	7018.7	1895.0
.9	3046.8	822.6	.9	4848.6	1309.1	.9	7067.1	1908.1
19.0	3078.7	831.3	24.0	4888.9	1320.0	29.0	7115.7	1921.3
.1	3110.8	839.9	.1	4929.3	1330.9	.1	7164.5	1934.4
.2	3143.1	848.6	.2	4970.0	1341.9	.2	7213.5	1947.6
.3	3175.6	857.4	.3	5010.8	1352.9	.3	7262.6	1960.9
.4	3208.2	866.2	.4	5051.7	1364.0	.4	7311.9	1974.2
.5	3241.0	875.1	.5	5092.8	1375.1	.5	7361.3	1987.6
.6	3273.9	884.0	.6	5134.1	1386.2	.6	7411.0	2001.0
.7	3307.0	892.9	.7	5175.6	1397.4	.7	7460.8	2014.4
.8	3340.3	901.9	.8	5217.2	1408.6	.8	7510.7	2027.9
.9	3373.8	910.9	.9	5259.0	1419.9	.9	7560.8	2041.4
20.0	3407.4	920.0	25.0	5300.9	1431.3	30.0	7611.1	2055.0

TABLE VI Side Slopes 1½ : 1 and 3 : 1
Crown 2 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	0.82	0.223	5.1	254.5	68.7	10.1	924.9	249.7
.2	1.81	0.490	.2	263.9	71.2	.2	942.6	254.5
.3	2.97	0.803	.3	273.3	73.8	.3	960.4	259.3
.4	4.30	1.16	.4	283.0	76.4	.4	978.4	264.2
.5	5.79	1.56	.5	292.8	79.1	.5	996.5	269.1
.6	7.4	2.01	.6	302.8	81.8	.6	1014.9	274.0
.7	9.3	2.50	.7	313.0	84.5	.7	1033.3	279.0
.8	11.3	3.04	.8	323.3	87.3	.8	1052.0	284.0
.9	13.4	3.62	.9	333.8	90.1	.9	1070.8	289.1
1.0	15.7	4.25	6.0	344.4	93.0	11.0	1089.8	294.3
.1	18.2	4.92	.1	355.3	95.9	.1	1109.0	299.4
.2	20.9	5.64	.2	366.3	98.9	.2	1128.3	304.6
.3	23.7	6.4	.3	377.4	101.9	.3	1147.8	309.9
.4	26.7	7.2	.4	388.7	105.0	.4	1167.4	315.2
.5	29.9	8.1	.5	400.2	108.1	.5	1187.3	320.6
.6	33.2	9.0	.6	411.9	111.2	.6	1207.3	326.0
.7	36.7	9.9	.7	423.7	114.4	.7	1227.4	331.4
.8	40.3	10.9	.8	435.7	117.6	.8	1247.7	336.9
.9	44.2	11.9	.9	447.9	120.9	.9	1268.2	342.4
2.0	48.1	13.0	7.0	460.2	124.3	12.0	1288.9	348.0
.1	52.3	14.1	.1	472.7	127.6	.1	1309.7	353.6
.2	56.6	15.3	.2	485.3	131.0	.2	1330.7	359.3
.3	61.1	16.5	.3	498.2	134.5	.3	1351.9	365.0
.4	65.8	17.8	.4	511.1	138.0	.4	1373.2	370.8
.5	70.6	19.1	.5	524.3	141.6	.5	1394.7	376.6
.6	75.6	20.4	.6	537.6	145.2	.6	1416.3	382.4
.7	80.8	21.8	.7	551.1	148.8	.7	1438.2	388.3
.8	86.1	23.2	.8	564.8	152.5	.8	1460.1	394.2
.9	91.6	24.7	.9	578.6	156.2	.9	1482.3	400.2
3.0	97.2	26.3	8.0	592.6	160.0	13.0	1504.6	406.3
.1	103.0	27.8	.1	606.8	163.8	.1	1527.1	412.3
.2	109.0	29.4	.2	621.1	167.7	.2	1549.8	418.4
.3	115.2	31.1	.3	635.6	171.6	.3	1572.6	424.6
.4	121.5	32.8	.4	650.2	175.6	.4	1595.6	430.8
.5	128.0	34.6	.5	665.0	179.6	.5	1618.8	437.1
.6	134.7	36.4	.6	680.0	183.6	.6	1642.1	443.4
.7	141.5	38.2	.7	695.2	187.7	.7	1665.6	449.7
.8	148.5	40.1	.8	710.5	191.8	.8	1689.2	456.1
.9	155.6	42.0	.9	726.0	196.0	.9	1713.0	462.5
4.0	163.0	44.0	9.0	741.7	200.3	14.0	1737.0	469.0
.1	170.5	46.0	.1	757.5	204.5	.1	1761.2	475.5
.2	178.1	48.1	.2	773.5	208.8	.2	1785.5	482.1
.3	185.9	50.2	.3	789.6	213.2	.3	1810.0	488.7
.4	193.9	52.4	.4	806.0	217.6	.4	1834.7	495.4
.5	202.1	54.6	.5	822.5	222.1	.5	1859.5	502.1
.6	210.4	56.8	.6	839.1	226.6	.6	1884.5	508.8
.7	218.9	59.1	.7	855.9	231.1	.7	1909.6	515.6
.8	227.6	61.4	.8	872.9	235.7	.8	1935.0	522.4
.9	236.4	63.8	.9	890.1	240.3	.9	1960.5	529.3
5.0	245.4	66.3	10.0	907.4	245.0	15.0	1986.1	536.3

TABLE VI Side Slopes 1½ : 1 and 3 : 1
Crown 2 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2011.9	543.2	20.1	3515.6	949.2	25.1	5436.0	1467.7
.2	2037.9	550.2	.2	3550.0	958.5	.2	5478.7	1479.2
.3	2064.1	557.3	.3	3584.5	967.8	.3	5521.5	1490.8
.4	2090.4	564.4	.4	3619.1	977.2	.4	5564.5	1502.4
.5	2116.9	571.6	.5	3653.9	986.6	.5	5607.6	1514.1
.6	2143.6	578.8	.6	3688.9	996.0	.6	5651.0	1525.8
.7	2170.4	586.0	.7	3724.1	1005.5	.7	5694.5	1537.5
.8	2197.4	593.3	.8	3759.4	1015.0	.8	5738.1	1549.3
.9	2224.5	600.6	.9	3794.9	1024.6	.9	5781.9	1561.1
16.0	2251.9	608.0	21.0	3830.6	1034.3	26.0	5825.9	1573.0
.1	2279.3	615.4	.1	3866.4	1043.9	.1	5870.1	1584.9
.2	2307.0	622.9	.2	3902.4	1053.6	.2	5914.4	1596.9
.3	2334.8	630.4	.3	3938.5	1063.4	.3	5958.9	1608.9
.4	2362.8	638.0	.4	3974.9	1073.2	.4	6003.6	1621.0
.5	2391.0	645.6	.5	4011.3	1083.1	.5	6048.4	1633.1
.6	2419.3	653.2	.6	4048.0	1093.0	.6	6093.4	1645.2
.7	2447.8	660.9	.7	4084.8	1102.9	.7	6138.5	1657.4
.8	2476.4	668.6	.8	4121.8	1112.9	.8	6183.9	1669.6
.9	2505.3	676.4	.9	4159.0	1122.9	.9	6229.3	1681.9
17.0	2534.3	684.3	22.0	4196.3	1133.0	27.0	6275.0	1694.3
.1	2563.4	692.1	.1	4233.8	1143.1	.1	6320.8	1706.6
.2	2592.7	700.0	.2	4271.4	1153.3	.2	6366.8	1719.0
.3	2622.2	708.0	.3	4309.3	1163.5	.3	6413.0	1731.5
.4	2651.9	716.0	.4	4347.3	1173.8	.4	6459.3	1744.0
.5	2681.7	724.1	.5	4385.4	1184.1	.5	6505.8	1756.6
.6	2711.7	732.2	.6	4423.7	1194.4	.6	6552.4	1769.2
.7	2741.9	740.3	.7	4462.2	1204.8	.7	6599.3	1781.8
.8	2772.2	748.5	.8	4500.9	1215.2	.8	6646.3	1794.5
.9	2802.7	756.7	.9	4539.7	1225.7	.9	6693.4	1807.2
18.0	2833.3	765.0	23.0	4578.7	1236.3	28.0	6740.7	1820.0
.1	2864.2	773.3	.1	4617.9	1246.8	.1	6788.2	1832.8
.2	2895.1	781.7	.2	4657.2	1257.4	.2	6835.9	1845.7
.3	2926.3	790.1	.3	4696.7	1268.1	.3	6883.7	1858.6
.4	2957.6	798.6	.4	4736.3	1278.8	.4	6931.7	1871.6
.5	2989.1	807.1	.5	4776.2	1289.6	.5	6979.9	1884.6
.6	3020.8	815.6	.6	4816.1	1300.4	.6	7028.2	1897.6
.7	3052.6	824.2	.7	4856.3	1311.2	.7	7076.7	1910.7
.8	3084.6	832.8	.8	4896.6	1322.1	.8	7125.3	1923.8
.9	3116.8	841.5	.9	4937.1	1333.0	.9	7174.2	1937.0
19.0	3149.1	850.3	24.0	4977.8	1344.0	29.0	7223.1	1950.3
.1	3181.6	859.0	.1	5018.6	1355.0	.1	7272.3	1963.5
.2	3214.2	867.8	.2	5059.6	1366.1	.2	7321.6	1976.8
.3	3247.0	876.7	.3	5100.8	1377.2	.3	7371.1	1990.2
.4	3280.0	885.6	.4	5142.1	1388.4	.4	7420.8	2003.6
.5	3313.2	894.6	.5	5183.6	1399.6	.5	7470.6	2017.1
.6	3346.5	903.6	.6	5225.2	1410.8	.6	7520.6	2030.6
.7	3380.0	912.6	.7	5267.0	1422.1	.7	7570.8	2044.1
.8	3413.7	921.7	.8	5309.0	1433.4	.8	7621.1	2057.7
.9	3447.5	930.8	.9	5351.2	1444.8	.9	7671.6	2071.3
20.0	3481.5	940.0	25.0	5393.5	1456.3	30.0	7722.2	2085.0

TABLE VI Side Slopes 1½ : 1 and 3 : 1
Crown 3 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.19	0.323	5.1	273.4	73.8	10.1	962.3	259.8
.2	2.56	0.690	.2	283.1	76.4	.2	980.3	264.7
.3	4.08	1.10	.3	293.0	79.1	.3	998.5	269.6
.4	5.78	1.56	.4	303.0	81.8	.4	1016.9	274.6
.5	7.6	2.06	.5	313.2	84.6	.5	1035.4	279.6
.6	9.7	2.61	.6	323.6	87.4	.6	1054.1	284.6
.7	11.9	3.20	.7	334.1	90.2	.7	1073.0	289.7
.8	14.2	3.84	.8	344.8	93.1	.8	1092.0	294.8
.9	16.8	4.52	.9	355.6	96.0	.9	1111.2	300.0
1.0	19.4	5.25	6.0	366.7	99.0	11.0	1130.6	305.3
.1	22.3	6.0	.1	377.9	102.0	.1	1150.1	310.5
.2	25.3	6.8	.2	389.2	105.1	.2	1169.8	315.8
.3	28.5	7.7	.3	400.8	108.2	.3	1189.6	321.2
.4	31.9	8.6	.4	412.4	111.4	.4	1209.7	326.6
.5	35.4	9.6	.5	424.3	114.6	.5	1229.9	332.1
.6	39.1	10.6	.6	436.3	117.8	.6	1250.2	337.6
.7	43.0	11.6	.7	448.5	121.1	.7	1270.8	343.1
.8	47.0	12.7	.8	460.9	124.4	.8	1291.4	348.7
.9	51.2	13.8	.9	473.4	127.8	.9	1312.3	354.3
2.0	55.6	15.0	7.0	486.1	131.3	12.0	1333.3	360.0
.1	60.1	16.2	.1	499.0	134.7	.1	1354.5	365.7
.2	64.8	17.5	.2	512.0	138.2	.2	1375.9	371.5
.3	69.6	18.8	.3	525.2	141.8	.3	1397.4	377.3
.4	74.7	20.2	.4	538.6	145.4	.4	1419.1	383.2
.5	79.9	21.6	.5	552.1	149.1	.5	1441.0	389.1
.6	85.2	23.0	.6	565.8	152.8	.6	1463.0	395.0
.7	90.8	24.5	.7	579.6	156.5	.7	1485.2	401.0
.8	96.4	26.0	.8	593.7	160.3	.8	1507.6	407.0
.9	102.3	27.6	.9	607.9	164.1	.9	1530.1	413.1
3.0	108.3	29.3	8.0	622.2	168.0	13.0	1552.8	419.3
.1	114.5	30.9	.1	636.8	171.9	.1	1575.6	425.4
.2	120.9	32.6	.2	651.4	175.9	.2	1598.7	431.6
.3	127.4	34.4	.3	666.3	179.9	.3	1621.9	437.9
.4	134.1	36.2	.4	681.3	184.0	.4	1645.2	444.2
.5	141.0	38.1	.5	696.5	188.1	.5	1668.8	450.6
.6	148.0	40.0	.6	711.9	192.2	.6	1692.4	457.0
.7	155.2	41.9	.7	727.4	196.4	.7	1716.3	463.4
.8	162.6	43.9	.8	743.1	200.6	.8	1740.3	469.9
.9	170.1	45.9	.9	759.0	204.9	.9	1764.5	476.4
4.0	177.8	48.0	9.0	775.0	209.3	14.0	1788.9	483.0
.1	185.6	50.1	.1	791.2	213.6	.1	1813.4	489.6
.2	193.7	52.3	.2	807.6	218.0	.2	1838.1	496.3
.3	201.9	54.5	.3	824.1	222.5	.3	1863.0	503.0
.4	210.2	56.8	.4	840.8	227.0	.4	1888.0	509.8
.5	218.8	59.1	.5	857.6	231.6	.5	1913.2	516.6
.6	227.4	61.4	.6	874.7	236.2	.6	1938.6	523.4
.7	236.3	63.8	.7	891.9	240.8	.7	1964.1	530.3
.8	245.3	66.2	.8	909.2	245.5	.8	1989.8	537.2
.9	254.5	68.7	.9	926.8	250.2	.9	2015.6	544.2
5.0	263.9	71.3	10.0	944.4	255.0	15.0	2041.7	551.3

TABLE VI Side Slopes 1½ : 1 and 3 : 1
Crown 3 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2067.9	558.3	20.1	3590.1	969.3	25.1	5529.0	1492.8
.2	2094.2	565.4	.2	3624.8	978.7	.2	5572.0	1504.4
.3	2120.8	572.6	.3	3659.6	988.1	.3	5615.2	1516.1
.4	2147.4	579.8	.4	3694.7	997.6	.4	5658.6	1527.8
.5	2174.3	587.1	.5	3729.9	1007.1	.5	5702.1	1539.6
.6	2201.3	594.4	.6	3765.2	1016.6	.6	5745.8	1551.4
.7	2228.5	601.7	.7	3800.8	1026.2	.7	5789.6	1563.2
.8	2255.9	609.1	.8	3836.4	1035.8	.8	5833.7	1575.1
.9	2283.4	616.5	.9	3872.3	1045.5	.9	5877.9	1587.0
16.0	2311.1	624.0	21.0	3908.3	1055.3	26.0	5922.2	1599.0
.1	2339.0	631.5	.1	3944.5	1065.0	.1	5966.8	1611.0
.2	2367.0	639.1	.2	3980.9	1074.8	.2	6011.4	1623.1
.3	2395.2	646.7	.3	4017.4	1084.7	.3	6056.3	1635.2
.4	2423.6	654.4	.4	4054.1	1094.6	.4	6101.3	1647.4
.5	2452.1	662.1	.5	4091 0	1104.6	.5	6146.5	1659.6
.6	2480.8	669.8	.6	4128.0	1114.6	.6	6191.9	1671.8
.7	2509.6	677.6	.7	4165.2	1124.6	.7	6237.4	1684.1
.8	2538.7	685.4	.8	4202.6	1134.7	.8	6283.1	1696.4
.9	2567.9	693.3	.9	4240.1	1144.8	.9	6329.0	1708.8
17.0	2597.2	701.3	22.0	4277.8	1155.0	27.0	6375.0	1721.3
.1	2626.8	709.2	.1	4315.6	1165.2	.1	6421.2	1733.7
.2	2656.4	717.2	.2	4353.7	1175.5	.2	6467.6	1746.2
.3	2686.3	725.3	.3	4391.9	1185.8	.3	6514.1	1758.8
.4	2716.3	733.4	.4	4430.2	1196.2	.4	6560.8	1771.4
.5	2746.5	741.6	.5	4468.8	1206.6	.5	6607.6	1784.1
.6	2776.9	749.8	.6	4507.4	1217.0	.6	6654.7	1796.8
.7	2807.4	758.0	.7	4546.3	1227.5	.7	6701.9	1809.5
.8	2838.1	766.3	.8	4585.3	1238.0	.8	6749.2	1822.3
.9	2869.0	774.6	.9	4624.5	1248.6	.9	6796.8	1835.1
18.0	2900.0	783.0	23.0	4663.9	1259.3	28.0	6844.4	1848.0
.1	2931.2	791.4	.1	4703.4	1269.9	.1	6892.3	1860.9
.2	2962.6	799.9	.2	4743.1	1280.6	.2	6940.3	1873.9
.3	2994.1	808.4	.3	4783.0	1291.4	.3	6988.5	1886.9
.4	3025.8	817.0	.4	4823.0	1302.2	.4	7036.9	1900.0
.5	3057.6	825.6	.5	4863.2	1313.1	.5	7085.4	1913.1
.6	3089.7	834.2	.6	4903.6	1324.0	.6	7134.1	1926.2
.7	3121.9	842.9	.7	4944.1	1334.9	.7	7183.0	1939.4
.8	3154.2	851.6	.8	4984.8	1345.9	.8	7232.0	1952.6
.9	3186.8	860.4	.9	5025.6	1356.9	.9	7281.2	1965.9
19.0	3219.4	869.3	24.0	5066.7	1368.0	29.0	7330.6	1979.3
.1	3252.3	878.1	.1	5107.9	1379.1	.1	7380.1	1992.6
.2	3285.3	887.0	.2	5149.2	1390.3	.2	7429.8	2006.0
.3	3318.5	896.0	.3	5190.8	1401.5	.3	7479.6	2019.5
.4	3351.9	905.0	.4	5232.4	1412.8	.4	7529.7	2033.0
.5	3385.4	914.1	.5	5274.3	1424.1	.5	7579.9	2046.6
.6	3419.1	923.2	.6	5316.3	1435.4	.6	7630.2	2060.2
.7	3453.0	932.3	.7	5358.5	1446.8	.7	7680.8	2073.8
.8	3487.0	941.5	.8	5400.9	1458.2	.8	7731.4	2087.5
.9	3521.2	950.7	.9	5443.4	1469.7	.9	7782.3	2101.2
20.0	3555.6	960.0	25.0	5486.1	1481.3	30.0	7833.3	2115.0

TABLE VI Side Slopes 1½ : 1 and 3 : 1
Crown 4 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.56	0.423	5.1	292.3	78.9	10.1	999.7	269.9
.2	3.30	0.890	.2	302.4	81.6	.2	1018.1	274.9
.3	5.19	1.40	.3	312.6	84.4	.3	1036.7	279.9
.4	7.3	1.96	.4	323.0	87.2	.4	1055.4	285.0
.5	9.5	2.56	.5	333.6	90.1	.5	1074.3	290.1
.6	11.9	3.21	.6	344.3	93.0	.6	1093.4	295.2
.7	14.5	3.90	.7	355.2	95.9	.7	1112.6	300.4
.8	17.2	4.64	.8	366.3	98.9	.8	1132.0	305.6
.9	20.1	5.42	.9	377.5	101.9	.9	1151.6	310.9
1.0	23.1	6.3	6.0	388.9	105.0	11.0	1171.3	316.3
.1	26.4	7.1	.1	400.5	108.1	.1	1191.2	321.6
.2	29.8	8.0	.2	412.2	111.3	.2	1211.3	327.0
.3	33.3	9.0	.3	424.1	114.5	.3	1231.5	332.5
.4	37.1	10.0	.4	436.1	117.8	.4	1251.9	338.0
.5	41.0	11.1	.5	448.4	121.1	.5	1272.5	343.6
.6	45.0	12.2	.6	460.8	124.4	.6	1293.2	349.2
.7	49.3	13.3	.7	473.3	127.8	.7	1314.1	354.8
.8	53.7	14.5	.8	486.1	131.2	.8	1335.1	360.5
.9	58.2	15.7	.9	499.0	134.7	.9	1356.4	366.2
2.0	63.0	17.0	7.0	512.0	138.3	12.0	1377.8	372.0
.1	67.9	18.3	.1	525.3	141.8	.1	1399.3	377.8
.2	72.9	19.7	.2	538.7	145.4	.2	1421.1	383.7
.3	78.2	21.1	.3	552.2	149.1	.3	1443.0	389.6
.4	83.6	22.6	.4	566.0	152.8	.4	1465.0	395.6
.5	89.1	24.1	.5	579.9	156.6	.5	1487.3	401.6
.6	94.9	25.6	.6	593.9	160.4	.6	1509.7	407.6
.7	100.8	27.2	.7	608.2	164.2	.7	1532.2	413.7
.8	106.8	28.8	.8	622.6	168.1	.8	1555.0	419.8
.9	113.0	30.5	.9	637.1	172.0	.9	1577.9	426.0
3.0	119.4	32.3	8.0	651.9	176.0	13.0	1600.9	432.3
.1	126.0	34.0	.1	666.8	180.0	.1	1624.2	438.5
.2	132.7	35.8	.2	681.8	184.1	.2	1647.6	444.8
.3	139.6	37.7	.3	697.0	188.2	.3	1671.1	451.2
.4	146.7	39.6	.4	712.4	192.4	.4	1694.9	457.6
.5	153.9	41.6	.5	728.0	196.6	.5	1718.8	464.1
.6	161.3	43.6	.6	743.7	200.8	.6	1742.8	470.6
.7	168.9	45.6	.7	759.6	205.1	.7	1767.0	477.1
.8	176.6	47.7	.8	775.7	209.4	.8	1791.4	483.7
.9	184.5	49.8	.9	791.9	213.8	.9	1816.0	490.3
4.0	192.6	52.0	9.0	808.3	218.3	14.0	1840.7	497.0
.1	200.8	54.2	.1	824.9	222.7	.1	1865.6	503.7
.2	209.2	56.5	.2	841.6	227.2	.2	1890.7	510.5
.3	217.8	58.8	.3	858.5	231.8	.3	1915.9	517.3
.4	226.5	61.2	.4	875.6	236.4	.4	1941.3	524.2
.5	235.4	63.6	.5	892.8	241.1	.5	1966.9	531.1
.6	244.5	66.0	.6	910.2	245.8	.6	1992.6	538.0
.7	253.7	68.5	.7	927.8	250.5	.7	2018.5	545.0
.8	263.1	71.0	.8	945.5	255.3	.8	2044.6	552.0
.9	272.7	73.6	.9	963.4	260.1	.9	2070.8	559.1
5.0	282.4	76.3	10.0	981.5	265.0	15.0	2097.2	566.3

TABLE VI Side Slopes 1½ : 1 and 3 : 1
Crown 4 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2123.8	573.4	20.1	3664.5	989.4	25.1	5621.9	1517.9
.2	2150.5	580.6	.2	3699.6	998.9	.2	5665.3	1529.6
.3	2177.4	587.9	.3	3734.8	1008.4	.3	5708.9	1541.4
.4	2204.5	595.2	.4	3770.2	1018.0	.4	5752.6	1553.2
.5	2231.7	602.6	.5	3805.8	1027.6	.5	5796.5	1565.1
.6	2259.1	610.0	.6	3841.5	1037.2	.6	5840.6	1577.0
.7	2286.7	617.4	.7	3877.4	1046.9	.7	5884.8	1588.9
.8	2314.4	624.9	.8	3913.5	1056.6	.8	5929.2	1600.9
.9	2342.3	632.4	.9	3949.7	1066.4	.9	5973.8	1612.9
16.0	2370.4	640.0	21.0	3986.1	1076.3	26.0	6018.5	1625.0
.1	2398.6	647.6	.1	4022.7	1086.1	.1	6063.4	1637.1
.2	2427.0	655.3	.2	4059.4	1096.0	.2	6108.5	1649.3
.3	2455.6	663.0	.3	4096.3	1106.0	.3	6153.7	1661.5
.4	2484.3	670.8	.4	4133.4	1116.0	.4	6199.1	1673.8
.5	2513.2	678.6	.5	4170.6	1126.1	.5	6244.7	1686.1
.6	2542.3	686.4	.6	4208.0	1136.2	.6	6290.4	1698.4
.7	2571.5	694.3	.7	4245.6	1146.3	.7	6336.3	1710.8
.8	2600.9	702.2	.8	4283.3	1156.5	.8	6382.4	1723.2
.9	2630.5	710.2	.9	4321.2	1166.7	.9	6428.6	1735.7
17.0	2660.2	718.3	22.0	4359.3	1177.0	27.0	6475.0	1748.3
.1	2690.1	726.3	.1	4397.5	1187.3	.1	6521.6	1760.8
.2	2720.1	734.4	.2	4435.9	1197.7	.2	6568.3	1773.4
.3	2750.4	742.6	.3	4474.5	1208.1	.3	6615.2	1786.1
.4	2780.8	750.8	.4	4513.2	1218.6	.4	6662.3	1798.8
.5	2811.3	759.1	.5	4552.1	1229.1	.5	6709.5	1811.6
.6	2842.1	767.4	.6	4591.1	1239.6	.6	6756.9	1824.4
.7	2873.0	775.7	.7	4630.4	1250.2	.7	6804.5	1837.2
.8	2904.0	784.1	.8	4669.8	1260.8	.8	6852.2	1850.1
.9	2935.3	792.5	.9	4709.3	1271.5	.9	6900.1	1863.0
18.0	2966.7	801.0	23.0	4749.1	1282.3	28.0	6948.1	1876.0
.1	2998.2	809.5	.1	4789.0	1293.0	.1	6996.4	1889.0
.2	3030.0	818.1	.2	4829.0	1303.8	.2	7044.8	1902.1
.3	3061.9	826.7	.3	4869.3	1314.7	.3	7093.3	1915.2
.4	3093.9	835.4	.4	4909.7	1325.6	.4	7142.1	1928.4
.5	3126.2	844.1	.5	4950.2	1336.6	.5	7191.0	1941.6
.6	3158.6	852.8	.6	4991.0	1347.6	.6	7240.0	1954 8
.7	3191.1	861.6	.7	5031.9	1358.6	.7	7289.3	1968.1
.8	3223.9	870.4	.8	5072.9	1369.7	.8	7338.7	1981.4
.9	3256.8	879.3	.9	5114.2	1380.8	.9	7388.2	1994.8
19.0	3289.8	888.3	24.0	5155.6	1392.0	29.0	7438.0	2008.3
.1	3323.0	897.2	.1	5197.1	1403.2	.1	7487.9	2021.7
.2	3356.4	906.2	.2	5238.9	1414.5	.2	7537.9	2035.2
.3	3390.0	915.3	.3	5280.8	1425.8	.3	7588.2	2048.8
.4	3423.7	924.4	.4	5322.8	1437.2	.4	7638.6	2062.4
.5	3457.6	933.6	.5	5365.0	1448.6	.5	7689.1	2076.1
.6	3491.7	942.8	.6	5407.4	1460.0	.6	7739.9	2089.8
.7	3525.9	952.0	.7	5450.0	1471.5	.7	7790.8	2103.5
.8	3560.3	961.3	.8	5492.7	1483.0	.8	7841.8	2117.3
.9	3594.9	970.6	.9	5535.6	1494.6	.9	7893.0	2131.1
20.0	3629.6	980.0	25.0	5578.7	1506.3	30.0	7944.4	2145.0

TABLE VI Side Slopes 1½ : 1 and 3 : 1
Crown 5 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.94	0.52	5.1	311.2	84.0	10.1	1037.1	280.0
.2	4.04	1.09	.2	321.6	86.8	.2	1055.9	285.1
.3	6.31	1.70	.3	332.2	89.7	.3	1074.8	290.2
.4	8.7	2.36	.4	343.0	92.6	.4	1093.9	295.4
.5	11.3	3.06	.5	353.9	95.6	.5	1113.2	300.6
.6	14.1	3.81	.6	365.0	98.6	.6	1132.6	305.8
.7	17.0	4.60	.7	376.3	101.6	.7	1152.2	311.1
.8	20.1	5.44	.8	387.7	104.7	.8	1172.0	316.4
.9	23.4	6.3	.9	399.3	107.8	.9	1191.9	321.8
1.0	26.9	7.3	6.0	411.1	111.0	11.0	1212.0	327.3
.1	30.5	8.2	.1	423.0	114.2	.1	1232.3	332.7
.2	34.2	9.2	.2	435.1	117.5	.2	1252.7	338.2
.3	38.2	10.3	.3	447.4	120.8	.3	1273.3	343.8
.4	42.3	11.4	.4	459.9	124.2	.4	1294.1	349.4
.5	46.5	12.6	.5	472.5	127.6	.5	1315.0	355.1
.6	51.0	13.8	.6	485.2	131.0	.6	1336.1	360.8
.7	55.6	15.0	.7	498.2	134.5	.7	1357.4	366.5
.8	60.3	16.3	.8	511.3	138.0	.8	1378.9	372.3
.9	65.3	17.6	.9	524.5	141.6	.9	1400.5	378.1
2.0	70.4	19.0	7.0	538.0	145.3	12.0	1422.2	384.0
.1	75.6	20.4	.1	551.6	148.9	.1	1444.2	389.9
.2	81.1	21.9	.2	565.3	152.6	.2	1466.3	395.9
.3	86.7	23.4	.3	579.3	156.4	.3	1488.5	401.9
.4	92.4	25.0	.4	593.4	160.2	.4	1511.0	408.0
.5	98.4	26.6	.5	607.6	164.1	.5	1533.6	414.1
.6	104.5	28.2	.6	622.1	168.0	.6	1556.3	420.2
.7	110.8	29.9	.7	636.7	171.9	.7	1579.3	426.4
.8	117.2	31.6	.8	651.4	175.9	.8	1602.4	432.6
.9	123.8	33.4	.9	666.4	179.9	.9	1625.6	438.9
3.0	130.6	35.3	8.0	681.5	184.0	13.0	1649.1	445.3
.1	137.5	37.1	.1	696.8	188.1	.1	1672.7	451.6
.2	144.6	39.0	.2	712.2	192.3	.2	1696.4	458.0
.3	151.9	41.0	.3	727.8	196.5	.3	1720.4	464.5
.4	159.3	43.0	.4	743.6	200.8	.4	1744.5	471.0
.5	166.9	45.1	.5	759.5	205.1	.5	1768.8	477.6
.6	174.7	47.2	.6	775.6	209.4	.6	1793.2	484.2
.7	182.6	49.3	.7	791.9	213.8	.7	1817.8	490.8
.8	190.7	51.5	.8	808.3	218.2	.8	1842.6	497.5
.9	199.0	53.7	.9	824.9	222.7	.9	1867.5	504.2
4.0	207.4	56.0	9.0	841.7	227.3	14.0	1892.6	511.0
.1	216.0	58.3	.1	858.6	231.8	.1	1917.9	517.8
.2	224.8	60.7	.2	875.7	236.4	.2	1943.3	524.7
.3	233.7	63.1	.3	893.0	241.1	.3	1968.9	531.6
.4	242.8	65.6	.4	910.4	245.8	.4	1994.7	538.6
.5	252.1	68.1	.5	928.0	250.6	.5	2020.6	545.6
.6	261.5	70.6	.6	945.8	255.4	.6	2046.7	552.6
.7	271.1	73.2	.7	963.7	260.2	.7	2073.0	559.7
.8	280.9	75.8	.8	981.8	265.1	.8	2099.4	566.8
.9	290.8	78.5	.9	1000.1	270.0	.9	2126.0	574.0
5.0	300.9	81.3	10.0	1018.5	275.0	15.0	2152.8	581.3

TABLE VI Side Slopes 1½ : 1 and 3 : 1
Crown 5 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2179.7	588.5	20.1	3739.0	1009.5	25.1	5714.9	1543.0
.2	2206.8	595.8	.2	3774.4	1019.1	.2	5758.7	1554.8
.3	2234.1	603.2	.3	3810.0	1028.7	.3	5802.6	1566.7
.4	2261.5	610.6	.4	3845.8	1038.4	.4	5846.7	1578.6
.5	2289.1	618.1	.5	3881.7	1048.1	.5	5891.0	1590.6
.6	2316.9	625.6	.6	3917.8	1057.8	.6	5935.4	1602.6
.7	2344.8	633.1	.7	3954.1	1067.6	.7	5980.0	1614.6
.8	2372.9	640.7	.8	3990.5	1077.4	.8	6024.8	1626.7
.9	2401.2	648.3	.9	4027.1	1087.3	.9	6069.7	1638.8
16.0	2429.6	656.0	21.0	4063.9	1097.3	26.0	6114.8	1651.0
.1	2458.2	663.7	.1	4100.8	1107.2	.1	6160.1	1663.2
.2	2487.0	671.5	.2	4137.9	1117.2	.2	6205.5	1675.5
.3	2515.9	679.3	.3	4175.2	1127.3	.3	6251.1	1687.8
.4	2545.0	687.2	.4	4212.6	1137.4	.4	6296.9	1700.2
.5	2574.3	695.1	.5	4250.2	1147.6	.5	6342.8	1712.6
.6	2603.7	703.0	.6	4288.0	1157.8	.6	6388.9	1725.0
.7	2633.3	711.0	.7	4325.9	1168.0	.7	6435.2	1737.5
.8	2663.1	719.0	.8	4364.0	1178.3	.8	6481.6	1750.0
.9	2693.0	727.1	.9	4402.3	1188.6	.9	6528.2	1762.6
17.0	2723.1	735.3	22.0	4440.7	1199.0	27.0	6575.0	1775.3
.1	2753.4	743.4	.1	4479.3	1209.4	.1	6621.9	1787.9
.2	2783.9	751.6	.2	4518.1	1219.9	.2	6669.0	1800.6
.3	2814.5	759.9	.3	4557.0	1230.4	.3	6716.3	1813.4
.4	2845.2	768.2	.4	4596.1	1241.0	.4	6763.7	1826.2
.5	2876.2	776.6	.5	4635.4	1251.6	.5	6811.3	1839.1
.6	2907.3	785.0	.6	4674.9	1262.2	.6	6859.1	1852.0
.7	2938.5	793.4	.7	4714.5	1272.9	.7	6907.0	1864.9
.8	2970.0	801.9	.8	4754.2	1283.6	.8	6955.1	1877.9
.9	3001.6	810.4	.9	4794.2	1294.4	.9	7003.4	1890.9
18.0	3033.3	819.0	23.0	4834.3	1305.3	28.0	7051.9	1904.0
.1	3065.3	827.6	.1	4874.5	1316.1	.1	7100.5	1917.1
.2	3097.4	836.3	.2	4915.0	1327.0	.2	7149.2	1930.3
.3	3129.6	845.0	.3	4955.6	1338.0	.3	7198.2	1943.5
.4	3162.1	853.8	.4	4996.3	1349.0	.4	7247.3	1956.8
.5	3194.7	862.6	.5	5037.3	1360.1	.5	7296.5	1970.1
.6	3227.4	871.4	.6	5078.4	1371.2	.6	7346.0	1983.4
.7	3260.4	880.3	.7	5119.6	1382.3	.7	7395.6	1996.8
.8	3293.5	889.2	.8	5161.1	1393.5	.8	7445.3	2010.2
.9	3326.8	898.2	.9	5202.7	1404.7	.9	7495.3	2023.7
19.0	3360.2	907.3	24.0	5244.4	1416.0	29.0	7545.4	2037.3
.1	3393.8	916.3	.1	5286.4	1427.3	.1	7595.6	2050.8
.2	3427.6	925.4	.2	5328.5	1438.7	.2	7646.1	2064.4
.3	3461.5	934.6	.3	5370.8	1450.1	.3	7696.7	2078.1
.4	3495.6	943.8	.4	5413.2	1461.6	.4	7747.4	2091.8
.5	3529.9	953.1	.5	5455.8	1473.1	.5	7798.4	2105.6
.6	3564.3	962.4	.6	5498.6	1484.6	.6	7849.5	2119.4
.7	3598.9	971.7	.7	5541.5	1496.2	.7	7900.8	2133.2
.8	3633.7	981.1	.8	5584.6	1507.8	.8	7952.2	2147.1
.9	3668.6	990.5	.9	5627.9			8003.8	2161.0
20.0	3703.7	1000.0	25.0	56				2175.0

TABLE VI Side Slopes 1½ : 1 and 3 : 1
Crown 6 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	2.31	0.62	5.1	330.1	89.1	10.1	1074.5	290.1
.2	4.78	1.29	.2	340.9	92.0	.2	1093.7	295.3
.3	7.42	2.00	.3	351.9	95.0	.3	1113.0	300.5
.4	10.2	2.76	.4	363.0	98.0	.4	1132.4	305.8
.5	13.2	3.56	.5	374.3	101.1	.5	1152.1	311.1
.6	16.3	4.41	.6	385.8	104.2	.6	1171.9	316.4
.7	19.6	5.30	.7	397.4	107.3	.7	1191.9	321.8
.8	23.1	6.2	.8	409.2	110.5	.8	1212.0	327.2
.9	26.8	7.2	.9	421.2	113.7	.9	1232.3	332.7
1.0	30.6	8.3	6.0	433.3	117.0	11.0	1252.8	338.3
.1	34.5	9.3	.1	445.6	120.3	.1	1273.4	343.8
.2	38.7	10.4	.2	458.1	123.7	.2	1294.2	349.4
.3	43.0	11.6	.3	470.8	127.1	.3	1315.2	355.1
.4	47.4	12.8	.4	483.6	130.6	.4	1336.3	360.8
.5	52.1	14.1	.5	496.5	134.1	.5	1357.6	366.6
.6	56.9	15.4	.6	509.7	137.6	.6	1379.1	372.4
.7	61.9	16.7	.7	523.0	141.2	.7	1400.8	378.2
.8	67.0	18.1	.8	536.4	144.8	.8	1422.6	384.1
.9	72.3	19.5	.9	550.1	148.5	.9	1444.5	390.0
2.0	77.8	21.0	7.0	563.9	152.3	12.0	1466.7	396.0
.1	83.4	22.5	.1	577.9	156.0	.1	1489.0	402.0
.2	89.2	24.1	.2	592.0	159.8	.2	1511.4	408.1
.3	95.2	25.7	.3	606.3	163.7	.3	1534.1	414.2
.4	101.3	27.4	.4	620.8	167.6	.4	1556.9	420.4
.5	107.6	29.1	.5	635.4	171.6	.5	1579.9	426.6
.6	114.1	30.8	.6	650.2	175.6	.6	1603.0	432.8
.7	120.8	32.6	.7	665.2	179.6	.7	1626.3	439.1
.8	127.6	34.4	.8	680.3	183.7	.8	1649.8	445.4
.9	134.5	36.3	.9	695.6	187.8	.9	1673.4	451.8
3.0	141.7	38.3	8.0	711.1	192.0	13.0	1697.2	458.3
.1	149.0	40.2	.1	726.8	196.2	.1	1721.2	464.7
.2	156.4	42.2	.2	742.6	200.5	.2	1745.3	471.2
.3	164.1	44.3	.3	758.5	204.8	.3	1769.6	477.8
.4	171.9	46.4	.4	774.7	209.2	.4	1794.1	484.4
.5	179.9	48.6	.5	791.0	213.6	.5	1818.8	491.1
.6	188.0	50.8	.6	807.4	218.0	.6	1843.6	497.8
.7	196.3	53.0	.7	824.1	222.5	.7	1868.5	504.5
.8	204.8	55.3	.8	840.9	227.0	.8	1893.7	511.3
.9	213.4	57.6	.9	857.9	231.6	.9	1919.0	518.1
4.0	222.2	60.0	9.0	875.0	236.3	14.0	1944.4	525.0
.1	231.2	62.4	.1	892.3	240.9	.1	1970.1	531.9
.2	240.3	64.9	.2	909.8	245.6	.2	1995.9	538.9
.3	249.6	67.4	.3	927.4	250.4	.3	2021.9	545.9
.4	259.1	70.0	.4	945.2	255.2	.4	2048.0	553.0
.5	268.8	72.6	.5	963.2	260.1	.5	2074.3	560.1
.6	278.6	75.2	.6	981.3	265.0	.6	2100.8	567.2
.7	288.5	77.9	.7	999.6	269.9	.7	2127.4	574.4
.8	298.7	80.6	.8	1018.1	274.9	.8	2154.2	581.6
.9	309.0	83.4	.9	1036.8	279.9	.9	2181.2	588.9
5.0	319.4	86.3	10.0	1055.6	285.0	15.0	2208.3	596.3

TABLE VI Side Slopes 1½ : 1 and 3 : 1

Crown 6 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2235.6	603.6	20.1	3813.4	1029.6	25.1	5807.9	1568.1
.2	2263.1	611.0	.2	3849.2	1039.3	.2	5852.0	1580.0
.3	2290.8	618.5	.3	3885.2	1049.0	.3	5896.3	1592.0
.4	2318.6	626.0	.4	3921.3	1058.8	.4	5940.8	1604.0
.5	2346.5	633.6	.5	3957.6	1068.6	.5	5985.4	1616.1
.6	2374.7	641.2	.6	3994.1	1078.4	.6	6030.2	1628.2
.7	2403.0	648.8	.7	4030.8	1088.3	.7	6075.2	1640.3
.8	2431.4	656.5	.8	4067.6	1098.2	.8	6120.3	1652.5
.9	2460.1	664.2	.9	4104.5	1108.2	.9	6165.6	1664.7
16.0	2488.9	672.0	21.0	4141.7	1118.3	26.0	6211.1	1677.0
.1	2517.9	679.8	.1	4179.0	1128.3	.1	6256.8	1689.3
.2	2547.0	687.7	.2	4216.4	1138.4	.2	6302.6	1701.7
.3	2576.3	695.6	.3	4254.1	1148.6	.3	6348.5	1714.1
.4	2605.8	703.6	.4	4291.9	1158.8	.4	6394.7	1726.6
.5	2635.4	711.6	.5	4329.9	1169.1	.5	6441.0	1739.1
.6	2665.2	719.6	.6	4368.0	1179.4	.6	6487.4	1751.6
.7	2695.2	727.7	.7	4406.3	1189.7	.7	6534.1	1764.2
.8	2725.3	735.8	.8	4444.8	1200.1	.8	6580.9	1776.8
.9	2755.6	744.0	.9	4483.4	1210.5	.9	6627.9	1789.5
17.0	2786.1	752.3	22.0	4522.2	1221.0	27.0	6675.0	1802.3
.1	2816.8	760.5	.1	4561.2	1231.5	.1	6722.3	1815.0
.2	2847.6	768.8	.2	4600.3	1242.1	.2	6769.8	1827.8
.3	2878.5	777.2	.3	4639.6	1252.7	.3	6817.4	1840.7
.4	2909.7	785.6	.4	4679.1	1263.4	.4	6865.2	1853.6
.5	2941.0	794.1	.5	4718.8	1274.1	.5	6913.2	1866.6
.6	2972.4	802.6	.6	4758.6	1284.8	.6	6961.3	1879.6
.7	3004.1	811.1	.7	4798.5	1295.6	.7	7009.6	1892.6
.8	3035.9	819.7	.8	4838.7	1306.4	.8	7058.1	1905.7
.9	3067.9	828.3	.9	4879.0	1317.3	.9	7106.8	1918.8
18.0	3100.0	837.0	23.0	4919.4	1328.3	28.0	7155.6	1932.0
.1	3132.3	845.7	.1	4960.1	1339.2	.1	7204.5	1945.2
.2	3164.8	854.5	.2	5000.9	1350.2	.2	7253.7	1958.5
.3	3197.4	863.3	.3	5041.9	1361.3	.3	7303.0	1971.8
.4	3230.2	872.2	.4	5083.0	1372.4	.4	7352.4	1985.2
.5	3263.2	881.1	.5	5124.3	1383.6	.5	7402.1	1998.6
.6	3296.3	890.0	.6	5165.8	1394.8	.6	7451.9	2012.0
.7	3329.6	899.0	.7	5207.4	1406.0	.7	7501.9	2025.5
.8	3363.1	908.0	.8	5249.2	1417.3	.8	7552.0	2039.0
.9	3396.8	917.1	.9	5291.2	1428.6	.9	7602.3	2052.6
19.0	3430.6	926.3	24.0	5333.3	1440.0	29.0	7652.8	2066.3
.1	3464.5	935.4	.1	5375.6	1451.4	.1	7703.4	2079.9
.2	3498.7	944.6	.2	5418.1	1462.9	.2	7754.2	2093.6
.3	3533.0	953.9	.3	5460.8	1474.4	.3	7805.2	2107.4
.4	3567.4	963.2	.4	5503.6	1486.0	.4	7856.3	2121.2
.5	3602.1	972.6	.5	5546.5	1497.6	.5	7907.6	2135.1
.6	3636.9	982.0	.6	5589.7	1509.2	.6	7959.1	2149.0
.7	3671.9	991.4	.7	5633.0	1520.9	.7	8010.8	2162.9
.8	3707.0	1000.9	.8	5676.4	1532.6	.8	8062.6	2176.9
.9	3742.3	1010.4	.9	5720.1	1544.4	.9	8114.5	2190.9
20.0	3777.8	1020.0	25.0	5763.9	1556.3	30.0	8166.7	2205.0

TABLE VI Side Slopes 1½ : 1 and 3 : 1
Crown 7 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	2.68	0.72	5.1	349.0	94.2	10.1	1111.9	300.2
.2	5.52	1.49	.2	360.1	97.2	.2	1131.4	305.5
.3	8.5	2.30	.3	371.5	100.3	.3	1151.1	310.8
.4	11.7	3.16	.4	383.0	103.4	.4	1171.0	316.2
.5	15.0	4.06	.5	394.7	106.6	.5	1191.0	321.6
.6	18.6	5.01	.6	406.5	109.8	.6	1211.1	327.0
.7	22.2	6.0	.7	418.5	113.0	.7	1231.5	332.5
.8	26.1	7.0	.8	430.7	116.3	.8	1252.0	338.0
.9	30.1	8.1	.9	443.0	119.6	.9	1272.7	343.6
1.0	34.3	9.3	6.0	455.6	123.0	11.0	1293.5	349.3
.1	38.6	10.4	.1	468.2	126.4	.1	1314.5	354.9
.2	43.1	11.6	.2	481.1	129.9	.2	1335.7	360.6
.3	47.8	12.9	.3	494.1	133.4	.3	1357.0	366.4
.4	52.6	14.2	.4	507.3	137.0	.4	1378.6	372.2
.5	57.6	15.6	.5	520.6	140.6	.5	1400.2	378.1
.6	62.8	17.0	.6	534.1	144.2	.6	1422.1	384.0
.7	68.2	18.4	.7	547.8	147.9	.7	1444.1	389.9
.8	73.7	19.9	.8	561.6	151.6	.8	1466.3	395.9
.9	79.3	21.4	.9	575.6	155.4	.9	1488.6	401.9
2.0	85.2	23.0	7.0	589.8	159.3	12.0	1511.1	408.0
.1	91.2	24.6	.1	604.2	163.1	.1	1533.8	414.1
.2	97.4	26.3	.2	618.7	167.0	.2	1556.6	420.3
.3	103.7	28.0	.3	633.3	171.0	.3	1579.6	426.5
.4	110.2	29.8	.4	648.2	175.0	.4	1602.8	432.8
.5	116.9	31.6	.5	663.2	179.1	.5	1626.2	439.1
.6	123.7	33.4	.6	678.4	183.2	.6	1649.7	445.4
.7	130.8	35.3	.7	693.7	187.3	.7	1673.3	451.8
.8	137.9	37.2	.8	709.2	191.5	.8	1697.2	458.2
.9	145.3	39.2	.9	724.9	195.7	.9	1721.2	464.7
3.0	152.8	41.3	8.0	740.7	200.0	13.0	1745.4	471.3
.1	160.5	43.3	.1	756.8	204.3	.1	1769.7	477.8
.2	168.3	45.4	.2	772.9	208.7	.2	1794.2	484.4
.3	176.3	47.6	.3	789.3	213.1	.3	1818.9	491.1
.4	184.5	49.8	.4	805.8	217.6	.4	1843.7	497.8
.5	192.8	52.1	.5	822.5	222.1	.5	1868.8	504.6
.6	201.3	54.4	.6	839.3	226.6	.6	1893.9	511.4
.7	210.0	56.7	.7	856.3	231.2	.7	1919.3	518.2
.8	218.9	59.1	.8	873.5	235.8	.8	1944.8	525.1
.9	227.9	61.5	.9	890.8	240.5	.9	1970.5	532.0
4.0	237.0	64.0	9.0	908.3	245.3	14.0	1996.3	539.0
.1	246.4	66.5	.1	926.0	250.0	.1	2022.3	546.0
.2	255.9	69.1	.2	943.9	254.8	.2	2048.5	553.1
.3	265.6	71.7	.3	961.9	259.7	.3	2074.8	560.2
.4	275.4	74.4	.4	980.0	264.6	.4	2101.3	567.4
.5	285.4	77.1	.5	998.4	269.6	.5	2128.0	574.6
.6	295.6	79.8	.6	1016.9	274.6	.6	2154.9	581.8
.7	305.9	82.6	.7	1035.6	279.6	.7	2181.9	589.1
.8	316.4	85.4	.8	1054.4	284.7	.8	2209.0	596.4
.9	327.1	88.3	.9	1073.4	289.8	.9	2236.4	603.8
5.0	338.0	91.3	10.0	1092.6	295.0	15.0	2263.9	611.3

TABLE VI Side Slopes 1½ : 1 and 3 : 1
Crown 7 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2291.6	618.7	20.1	3887.9	1049.7	25.1	5900.8	1593.2
.2	2319.4	626.2	.2	3924.0	1059.5	.2	5945.3	1605.2
.3	2347.4	633.8	.3	3960.4	1069.3	.3	5990.0	1617.3
.4	2375.6	641.4	.4	3996.9	1079.2	.4	6034.9	1629.4
.5	2403.9	649.1	.5	4033.6	1089.1	.5	6079.9	1641.6
.6	2432.4	656.8	.6	4070.4	1099.0	.6	6126.0	1653.8
.7	2461.1	664.5	.7	4107.4	1109.0	.7	6170.4	1666.0
.8	2490.0	672.3	.8	4144.6	1119.0	.8	6215.9	1678.3
.9	2519.0	680.1	.9	4181.9	1129.1	.9	6261.6	1690.6
16.0	2548.1	688.0	21.0	4219.4	1139.3	26.0	6307.4	1703.0
.1	2577.5	695.9	.1	4257.1	1149.4	.1	6353.4	1715.4
.2	2607.0	703.9	.2	4295.0	1159.6	.2	6399.6	1727.9
.3	2636.7	711.9	.3	4333.0	1169.9	.3	6445.9	1740.4
.4	2666.5	720.0	.4	4371.1	1180.2	.4	6492.4	1753.0
.5	2696.5	728.1	.5	4409.5	1190.6	.5	6539.1	1765.6
.6	2726.7	736.2	.6	4448.0	1201.0	.6	6586.0	1778.2
.7	2757.0	744.4	.7	4486.7	1211.4	.7	6633.0	1790.9
.8	2787.6	752.6	.8	4525.5	1221.9	.8	6680.1	1803.6
.9	2818.2	760.9	.9	4564.5	1232.4	.9	6727.5	1816.4
17.0	2849.1	769.3	22.0	4603.7	1243.0	27.0	6775.0	1829.3
.1	2880.1	777.6	.1	4643.0	1253.6	.1	6822.7	1842.1
.2	2911.3	786.0	.2	4682.6	1264.3	.2	6870.5	1855.0
.3	2942.6	794.5	.3	4722.2	1275.0	.3	6918.5	1868.0
.4	2974.1	803.0	.4	4762.1	1285.8	.4	6966.7	1881.0
.5	3005.8	811.6	.5	4802.1	1296.6	.5	7015.0	1894.1
.6	3037.6	820.2	.6	4842.3	1307.4	.6	7063.6	1907.2
.7	3069.6	828.8	.7	4882.6	1318.3	.7	7112.2	1920.3
.8	3101.8	837.5	.8	4923.1	1329.2	.8	7161.1	1933.5
.9	3134.2	846.2	.9	4963.8	1340.2	.9	7210.1	1946.7
18.0	3166.7	855.0	23.0	5004.6	1351.3	28.0	7259.3	1960.0
.1	3199.3	863.8	.1	5045.6	1362.3	.1	7308.6	1973.3
.2	3232.2	872.7	.2	5086.8	1373.4	.2	7358.1	1986.7
.3	3265.2	881.6	.3	5128.2	1384.6	.3	7407.8	2000.1
.4	3298.4	890.6	.4	5169.7	1395.8	.4	7457.6	2013.6
.5	3331.7	899.6	.5	5211.3	1407.1	.5	7507.6	2027.1
.6	3365.2	908.6	.6	5253.2	1418.4	.6	7557.8	2040.6
.7	3398.9	917.7	.7	5295.2	1429.7	.7	7608.2	2054.2
.8	3432.7	926.8	.8	5337.4	1441.1	.8	7658.7	2067.8
.9	3466.8	936.0	.9	5379.7	1452.5	.9	7709.3	2081.5
19.0	3500.9	945.3	24.0	5422.2	1464.0	29.0	7760.2	2095.3
.1	3535.3	954.5	.1	5464.9	1475.5	.1	7811.2	2109.0
.2	3569.8	963.8	.2	5507.7	1487.1	.2	7862.4	2122.8
.3	3604.5	973.2	.3	5550.8	1498.7	.3	7913.7	2136.7
.4	3639.3	982.6	.4	5593.9	1510.4	.4	7965.2	2150.6
.5	3674.3	992.1	.5	5637.3	1522.1	.5	8016.9	2164.6
.6	3709.5	1001.6	.6	5680.8	1533.8	.6	8068.7	2178.6
.7	3744.8	1011.1	.7	5724.5	1545.6	.7	8120.8	2192.6
.8	3780.3	1020.7	.8	5768.3	1557.4	.8	8172.9	2206.7
.9	3816.0	1030.3	.9	5812.3	1569.3	.9	8225.3	2220.8
20.0	3851.9	1040.0	25.0	5856.5	1581.3	30.0	8277.8	2235.0

TABLE VI Side Slopes 1½ : 1 and 3 : 1
Crown 8 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.05	0.82	5.1	367.9	99.3	10.1	1149.3	310.3
.2	6.26	1.69	.2	379.4	102.4	.2	1169.2	315.7
.3	9.6	2.60	.3	391.1	105.6	.3	1189.3	321.1
.4	13.2	3.56	.4	403.0	108.8	.4	1209.5	326.6
.5	16.9	4.56	.5	415.0	112.1	.5	1229.9	332.1
.6	20.8	5.61	.6	427.3	115.4	.6	1250.4	337.6
.7	24.8	6.7	.7	439.6	118.7	.7	1271.1	343.2
.8	29.0	7.8	.8	452.2	122.1	.8	1292.0	348.8
.9	33.4	9.0	.9	464.9	125.5	.9	1313.0	354.5
1.0	38.0	10.3	6.0	477.8	129.0	11.0	1334.3	360.3
.1	42.7	11.5	.1	490.8	132.5	.1	1355.6	366.0
.2	47.6	12.8	.2	504.0	136.1	.2	1377.2	371.8
.3	52.6	14.2	.3	517.4	139.7	.3	1398.9	377.7
.4	57.8	15.6	.4	531.0	143.4	.4	1420.8	383.6
.5	63.2	17.1	.5	544.7	147.1	.5	1442.8	389.6
.6	68.7	18.6	.6	558.6	150.8	.6	1465.0	395.6
.7	74.5	20.1	.7	572.6	154.6	.7	1487.4	401.6
.8	80.3	21.7	.8	586.8	158.4	.8	1510.0	407.7
.9	86.4	23.3	.9	601.2	162.3	.9	1532.7	413.8
2.0	92.6	25.0	7.0	615.7	166.3	12.0	1555.6	420.0
.1	99.0	26.7	.1	630.5	170.2	.1	1578.6	426.2
.2	105.5	28.5	.2	645.3	174.2	.2	1601.8	432.5
.3	112.2	30.3	.3	660.4	178.3	.3	1625.2	438.8
.4	119.1	32.2	.4	675.6	182.4	.4	1648.7	445.2
.5	126.2	34.1	.5	691.0	186.6	.5	1672.5	451.6
.6	133.4	36.0	.6	706.5	190.8	.6	1696.3	458.0
.7	140.8	38.0	.7	722.2	195.0	.7	1720.4	464.5
.8	148.3	40.0	.8	738.1	199.3	.8	1744.6	471.0
.9	156.0	42.1	.9	754.2	203.6	.9	1769.0	477.6
3.0	163.9	44.3	8.0	770.4	208.0	13.0	1793.5	484.3
.1	171.9	46.4	.1	786.8	212.4	.1	1818.2	490.9
.2	180.1	48.6	.2	803.3	216.9	.2	1843.1	497.6
.3	188.5	50.9	.3	820.0	221.4	.3	1868.2	504.4
.4	197.1	53.2	.4	836.9	226.0	.4	1893.4	511.2
.5	205.8	55.6	.5	853.9	230.6	.5	1918.8	518.1
.6	214.7	58.0	.6	871.1	235.2	.6	1944.3	525.0
.7	223.7	60.4	.7	888.5	239.9	.7	1970.0	531.9
.8	232.9	62.9	.8	906.1	244.6	.8	1995.9	538.9
.9	242.3	65.4	.9	923.8	249.4	.9	2021.9	545.9
4.0	251.9	68.0	9.0	941.7	254.3	14.0	2048.1	553.0
.1	261.6	70.6	.1	959.7	259.1	.1	2074.5	560.1
.2	271.4	73.3	.2	977.9	264.0	.2	2101.1	567.3
.3	281.5	76.0	.3	996.3	269.0	.3	2127.8	574.5
.4	291.7	78.8	.4	1014.9	274.0	.4	2154.7	581.8
.5	302.1	81.6	.5	1033.6	279.1	.5	2181.7	589.1
.6	312.6	84.4	.6	1052.4	284.2	.6	2208.9	596.4
.7	323.3	87.3	.7	1071.5	289.3	.7	2236.3	603.8
.8	334.2	90.2	.8	1090.7	294.5	.8	2263.9	611.2
.9	345.3	93.2	.9	1110.1	299.7	.9	2291.6	618.7
5.0	356.5	96.3	10.0	1129.6	305.0	15.0	2319.4	626.3

TABLE VI Side Slopes 1½ : 1 and 3 : 1
Crown 8 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2347.5	633.8	20.1	3962.3	1069.8	25.1	5993.8	1618.3
.2	2375.7	641.4	.2	3998.9	1079.7	.2	6038.7	1630.4
.3	2404.1	649.1	.3	4035.6	1089.6	.3	6083.7	1642.6
.4	2432.6	656.8	.4	4072.4	1099.6	.4	6128.9	1654.8
.5	2461.3	664.6	.5	4109.5	1109.6	.5	6174.3	1667.1
.6	2490.2	672.4	.6	4146.7	1119.6	.6	6219.9	1679.4
.7	2519.3	680.2	.7	4184.1	1129.7	.7	6265.6	1691.7
.8	2548.5	688.1	.8	4221.6	1139.8	.8	6311.4	1704.1
.9	2577.9	696.0	.9	4259.3	1150.0	.9	6357.5	1716.5
16.0	2607.4	704.0	21.0	4297.2	1160.3	26.0	6403.7	1729.0
.1	2637.1	712.0	.1	4335.3	1170.5	.1	6450.1	1741.5
.2	2667.0	720.1	.2	4373.5	1180.8	.2	6496.6	1754.1
.3	2697.0	728.2	.3	4411.9	1191.2	.3	6543.3	1766.7
.4	2727.3	736.4	.4	4450.4	1201.6	.4	6590.2	1779.4
.5	2757.6	744.6	.5	4489.1	1212.1	.5	6637.3	1792.1
.6	2788.2	752.8	.6	4528.0	1222.6	.6	6684.5	1804.8
.7	2818.9	761.1	.7	4567.0	1233.1	.7	6731.9	1817.6
.8	2849.8	769.4	.8	4606.3	1243.7	.8	6779.4	1830.4
.9	2880.8	777.8	.9	4645.6	1254.3	.9	6827.1	1843.3
17.0	2912.0	786.3	22.0	4685.2	1265.0	27.0	6875.0	1856.3
.1	2943.4	794.7	.1	4724.9	1275.7	.1	6923.0	1869.2
.2	2975.0	803.2	.2	4764.8	1286.5	.2	6971.3	1882.2
.3	3006.7	811.8	.3	4804.8	1297.3	.3	7019.6	1895.3
.4	3038.6	820.4	.4	4845.0	1308.2	.4	7068.2	1908.4
.5	3070.6	829.1	.5	4885.4	1319.1	.5	7116.9	1921.6
.6	3102.8	837.8	.6	4926.0	1330.0	.6	7165.8	1934.8
.7	3135.2	846.5	.7	4966.7	1341.0	.7	7214.8	1948.0
.8	3167.7	855.3	.8	5007.6	1352.0	.8	7264.0	1961.3
.9	3200.5	864.1	.9	5048.6	1363.1	.9	7313.4	1974.6
18.0	3233.3	873.0	23.0	5089.8	1374.3	28.0	7363.0	1988.0
.1	3266.4	881.9	.1	5131.2	1385.4	.1	7412.7	2001.4
.2	3299.6	890.9	.2	5172.7	1396.6	.2	7462.6	2014.9
.3	3333.0	899.9	.3	5214.5	1407.9	.3	7512.6	2028.4
.4	3366.5	909.0	.4	5256.3	1419.2	.4	7562.8	2042.0
.5	3400.2	918.1	.5	5298.4	1430.6	.5	7613.2	2055.6
.6	3434.1	927.2	.6	5340.6	1442.0	.6	7663.7	2069.2
.7	3468.2	936.4	.7	5383.0	1453.4	.7	7714.5	2082.9
.8	3502.4	945.6	.8	5425.5	1464.9	.8	7765.3	2096.6
.9	3536.8	954.9	.9	5468.2	1476.4	.9	7816.4	2110.4
19.0	3571.3	964.3	24.0	5511.1	1488.0	29.0	7867.6	2124.3
.1	3606.0	973.6	.1	5554.2	1499.6	.1	7919.0	2138.1
.2	3640.9	983.0	.2	5597.4	1511.3	.2	7970.5	2152.0
.3	3675.9	992.5	.3	5640.8	1523.0	.3	8022.2	2166.0
.4	3711.1	1002.0	.4	5684.3	1534.8	.4	8074.1	2180.0
.5	3746.5	1011.6	.5	5728.0	1546.6	.5	8126.2	2194.1
.6	3782.1	1021.2	.6	5771.9	1558.4	.6	8178.4	2208.2
.7	3817.8	1030.8	.7	5815.9	1570.3	.7	8230.8	2222.3
.8	3853.7	1040.5	.8	5860.1	1582.2	.8	8283.3	2236.5
.9	3889.7	1050.2	.9	5904.5	1594.2	.9	8336.0	2250.7
20.0	3925.9	1060.0	25.0	5949.1	1606.3	30.0	8388.9	2265.0

TABLE VI Side Slopes 1½ : 1 and 3 : 1
Crown 9 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.42	0.92	5.1	386.8	104.4	10.1	1186.8	320.4
.2	7.00	1.89	.2	398.7	107.6	.2	1207.0	325.9
.3	10.8	2.90	.3	410.8	110.9	.3	1227.4	331.4
.4	14.7	3.96	.4	423.0	114.2	.4	1248.0	337.0
.5	18.8	5.06	.5	435.4	117.6	.5	1268.8	342.6
.6	23.0	6.2	.6	448.0	121.0	.6	1289.7	348.2
.7	27.4	7.4	.7	460.8	124.4	.7	1310.8	353.9
.8	32.0	8.6	.8	473.7	127.9	.8	1332.0	359.6
.9	36.8	9.9	.9	486.8	131.4	.9	1353.4	365.4
1.0	41.7	11.3	6.0	500.0	135.0	11.0	1375.0	371.3
.1	46.8	12.6	.1	513.4	138.6	.1	1396.8	377.1
.2	52.0	14.0	.2	527.0	142.3	.2	1418.7	383.0
.3	57.4	15.5	.3	540.8	146.0	.3	1440.8	389.0
.4	63.0	17.0	.4	554.7	149.8	.4	1463.0	395.0
.5	68.8	18.6	.5	568.8	153.6	.5	1485.4	401.1
.6	74.7	20.2	.6	583.0	157.4	.6	1508.0	407.2
.7	80.8	21.8	.7	597.4	161.3	.7	1530.8	413.3
.8	87.0	23.5	.8	612.0	165.2	.8	1553.7	419.5
.9	93.4	25.2	.9	626.8	169.2	.9	1576.8	425.7
2.0	100.0	27.0	7.0	641.7	173.3	12.0	1600.0	432.0
.1	106.8	28.8	.1	656.8	177.3	.1	1623.4	438.3
.2	113.7	30.7	.2	672.0	181.4	.2	1647.0	444.7
.3	120.8	32.6	.3	687.4	185.6	.3	1670.8	451.1
.4	128.0	34.6	.4	703.0	189.8	.4	1694.7	457.6
.5	135.4	36.6	.5	718.8	194.1	.5	1718.8	464.1
.6	143.0	38.6	.6	734.7	198.4	.6	1743.0	470.6
.7	150.8	40.7	.7	750.8	202.7	.7	1767.4	477.2
.8	158.7	42.8	.8	767.0	207.1	.8	1792.0	483.8
.9	166.8	45.0	.9	783.4	211.5	.9	1816.8	490.5
3.0	175.0	47.3	8.0	800.0	216.0	13.0	1841.7	497.3
.1	183.4	49.5	.1	816.8	220.5	.1	1866.8	504.0
.2	192.0	51.8	.2	833.7	225.1	.2	1892.0	510.8
.3	200.8	54.2	.3	850.8	229.7	.3	1917.4	517.7
.4	209.7	56.6	.4	868.0	234.4	.4	1943.0	524.6
.5	218.8	59.1	.5	885.4	239.1	.5	1968.8	531.6
.6	228.0	61.6	.6	903.0	243.8	.6	1994.7	538.6
.7	237.4	64.1	.7	920.8	248.6	.7	2020.8	545.6
.8	247.0	66.7	.8	938.7	253.4	.8	2047.0	552.7
.9	256.8	69.3	.9	956.8	258.3	.9	2073.4	559.8
4.0	266.7	72.0	9.0	975.0	263.3	14.0	2100.0	567.0
.1	276.8	74.7	.1	993.4	268.2	.1	2126.8	574.2
.2	287.0	77.5	.2	1012.0	273.2	.2	2153.7	581.5
.3	297.4	80.3	.3	1030.8	278.3	.3	2180.8	588.8
.4	308.0	83.2	.4	1049.7	283.4	.4	2208.0	596.2
.5	318.8	86.1	.5	1068.8	288.6	.5	2235.4	603.6
.6	329.7	89.0	.6	1088.0	293.8	.6	2263.0	611.0
.7	340.8	92.0	.7	1107.4	299.0	.7	2290.8	618.5
.8	352.0	95.0	.8	1127.0	304.3	.8	2318.7	626.0
.9	363.4	98.1	.9	1146.8	309.6	.9	2346.8	633.6
5.0	375.0	101.3	10.0	1166.7	315.0	15.0	2375.0	641.3

TABLE VI Side Slopes 1½ : 1 and 3 : 1
Crown 9 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2403.4	648.9	20.1	4036.8	1089.9	25.1	6086.8	1643.4
.2	2432.0	656.6	.2	4073.7	1099.9	.2	6132.0	1655.6
.3	2460.8	664.4	.3	4110.8	1109.9	.3	6177.4	1667.9
.4	2489.7	672.2	.4	4148.0	1120.0	.4	6223.0	1680.2
.5	2518.8	680.1	.5	4185.4	1130.1	.5	6268.8	1692.6
.6	2548.0	688.0	.6	4223.0	1140.2	.6	6314.7	1705.0
.7	2577.4	695.9	.7	4260.8	1150.4	.7	6360.8	1717.4
.8	2607.0	703.9	.8	4298.7	1160.6	.8	6407.0	1729.9
.9	2636.8	711.9	.9	4336.8	1170.9	.9	6453.4	1742.4
16.0	2666.7	720.0	21.0	4375.0	1181.3	26.0	6500.0	1755.0
.1	2696.8	728.1	.1	4413.4	1191.6	.1	6546.8	1767.6
.2	2727.0	736.3	.2	4452.0	1202.0	.2	6593.7	1780.3
.3	2757.4	744.5	.3	4490.8	1212.5	.3	6640.8	1793.0
.4	2788.0	752.8	.4	4529.7	1223.0	.4	6688.0	1805.8
.5	2818.8	761.1	.5	4568.8	1233.6	.5	6735.4	1818.6
.6	2849.7	769.4	.6	4608.0	1244.2	.6	6783.0	1831.4
.7	2880.8	777.8	.7	4647.4	1254.8	.7	6830.8	1844.3
.8	2912.0	786.2	.8	4687.0	1265.5	.8	6878.7	1857.2
.9	2943.4	794.7	.9	4726.8	1276.2	.9	6926.8	1870.2
17.0	2975.0	803.3	22.0	4766.7	1287.0	27.0	6975.0	1883.3
.1	3006.8	811.8	.1	4806.8	1297.8	.1	7023.4	1896.3
.2	3038.7	820.4	.2	4847.0	1308.7	.2	7072.0	1909.4
.3	3070.8	829.1	.3	4887.4	1319.6	.3	7120.8	1922.6
.4	3103.0	837.8	.4	4928.0	1330.6	.4	7169.7	1935.8
.5	3135.4	846.6	.5	4968.8	1341.6	.5	7218.8	1949.1
.6	3168.0	855.4	.6	5009.7	1352.6	.6	7268.0	1962.4
.7	3200.8	864.2	.7	5050.8	1363.7	.7	7317.4	1975.7
.8	3233.7	873.1	.8	5092.0	1374.8	.8	7367.0	1989.1
.9	3266.8	882.0	.9	5133.4	1386.0	.9	7416.8	2002.5
18.0	3300.0	891.0	23.0	5175.0	1397.3	28.0	7466.7	2016.0
.1	3333.4	900.0	.1	5216.8	1408.5	.1	7516.8	2029.5
.2	3367.0	909.1	.2	5258.7	1419.8	.2	7567.0	2043.1
.3	3400.8	918.2	.3	5300.8	1431.2	.3	7617.4	2056.7
.4	3434.7	927.4	.4	5343.0	1442.6	.4	7668.0	2070.4
.5	3468.8	936.6	.5	5385.4	1454.1	.5	7718.8	2084.1
.6	3503.0	945.8	.6	5428.0	1465.6	.6	7769.7	2097.8
.7	3537.4	955.1	.7	5470.8	1477.1	.7	7820.8	2111.6
.8	3572.0	964.4	.8	5513.7	1488.7	.8	7872.0	2125.4
.9	3606.8	973.8	.9	5556.8	1500.3	.9	7923.4	2139.3
19.0	3641.7	983.3	24.0	5600.0	1512.0	29.0	7975.0	2153.3
.1	3676.8	992.7	.1	5643.4	1523.7	.1	8026.8	2167.2
.2	3712.0	1002.2	.2	5687.0	1535.5	.2	8078.7	2181.2
.3	3747.4	1011.8	.3	5730.8	1547.3	.3	8130.8	2195.3
.4	3783.0	1021.4	.4	5774.7	1559.2	.4	8183.0	2209.4
.5	3818.8	1031.1	.5	5818.8	1571.1	.5	8235.4	2223.6
.6	3854.7	1040.8	.6	5863.0	1583.0	.6	8288.0	2237.8
.7	3890.8	1050.5	.7	5907.4	1595.0	.7	8340.8	2252.0
.8	3927.0	1060.3	.8	5952.0	1607.0	.8	8393.7	2266.3
.9	3963.4	1070.1	.9	5996.8	1619.1	.9	8446.8	2280.6
20.0	4000.0	1080.0	25.0	6041.7	1631.3	30.0	8500.0	2295.0

TABLE VI Side Slopes 1½ : 1 and 3 : 1
Crown 10 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	S in S
0.1	3.79	1.02	5.1	405.6	109.5	10.1	1224.2	
.2	7.74	2.09	.2	417.9	112.8	.2	1244.8	
.3	11.9	3.20	.3	430.4	116.2	.3	1265.6	
.4	16.1	4.36	.4	443.0	119.6	.4	1286.5	
.5	20.6	5.56	.5	455.8	123.1	.5	1307.6	
.6	25.2	6.8	.6	468.7	126.6	.6	1328.9	
.7	30.0	8.1	.7	481.9	130.1	.7	1350.4	
.8	35.0	9.4	.8	495.1	133.7	.8	1372.0	
.9	40.1	10.8	.9	508.6	137.3	.9	1393.8	
1.0	45.4	12.3	6.0	522.2	141.0	11.0	1415.7	
.1	50.8	13.7	.1	536.0	144.7	.1	1437.9	
.2	56.4	15.2	.2	550.0	148.5	.2	1460.1	
.3	62.2	16.8	.3	564.1	152.3	.3	1482.6	
.4	68.2	18.4	.4	578.4	156.2	.4	1505.2	
.5	74.3	20.1	.5	592.8	160.1	.5	1528.0	
.6	80.6	21.8	.6	607.4	164.0	.6	1551.0	
.7	87.0	23.5	.7	622.2	168.0	.7	1574.1	
.8	93.7	25.3	.8	637.2	172.0	.8	1597.4	
.9	100.5	27.1	.9	652.3	176.1	.9	1620.8	
2.0	107.4	29.0	7.0	667.6	180.3	12.0	1644.4	
.1	114.5	30.9	.1	683.0	184.4	.1	1668.2	
.2	121.8	32.9	.2	698.7	188.6	.2	1692.2	
.3	129.3	34.9	.3	714.5	192.9	.3	1716.3	
.4	136.9	37.0	.4	730.4	197.2	.4	1740.6	
.5	144.7	39.1	.5	746.5	201.6	.5	1765.0	
.6	152.6	41.2	.6	762.8	206.0	.6	1789.7	
.7	160.8	43.4	.7	779.3	210.4	.7	1814.5	
.8	169.0	45.6	.8	795.9	214.9	.8	1839.4	
.9	177.5	47.9	.9	812.7	219.4	.9	1864.5	
3.0	186.1	50.3	8.0	829.6	224.0	13.0	1889.8	
.1	194.9	52.6	.1	846.8	228.6	.1	1915.3	
.2	203.9	55.0	.2	864.0	233.3	.2	1940.9	
.3	213.0	57.5	.3	881.5	238.0	.3	1966.7	
.4	222.3	60.0	.4	899.1	242.8	.4	1992.6	
.5	231.7	62.6	.5	916.9	247.6	.5	2018.8	
.6	241.3	65.2	.6	934.9	252.4	.6	2045.0	
.7	251.1	67.8	.7	953.0	257.3	.7	2071.5	
.8	261.1	70.5	.8	971.3	262.2	.8	2098.1	
.9	271.2	73.2	.9	989.7	267.2	.9	2124.9	
4.0	281.5	76.0	9.0	1008.3	272.3	14.0	2151.9	
.1	291.9	78.8	.1	1027.1	277.3	.1	2179.0	
.2	302.6	81.7	.2	1046.1	282.4	.2	2206.3	
.3	313.3	84.6	.3	1065.2	287.6	.3	2233.7	
.4	324.3	87.6	.4	1084.5	292.8	.4	2261.3	
.5	335.4	90.6	.5	1103.9	298.1	.5	2289.1	
.6	346.7	93.6	.6	1123.6	303.4	.6	2317.1	
.7	358.2	96.7	.7	1143.3	308.7	.7	2345.2	
.8	369.8	99.8	.8	1163.3	314.1	.8	2373.5	
.9	381.6	103.0	.9	1183.4	319.5	.9	2401.9	
	393.5	106.3	10.0	1203.7	325.0	15.0	2430.6	

TABLE VI Side Slopes 1½ : 1 and 3 : 1
Crown 10 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2459.3	664.0	20.1	4111.2	1110.0	25.1	6179.7	1668.5
.2	2488.3	671.8	.2	4148.5	1120.1	.2	6225.3	1680.8
.3	2517.4	679.7	.3	4185.9	1130.2	.3	6271.1	1693.2
.4	2546.7	687.6	.4	4223.6	1140.4	.4	6317.1	1705.6
.5	2576.2	695.6	.5	4261.3	1150.6	.5	6363.2	1718.1
.6	2605.8	703.6	.6	4299.3	1160.8	.6	6409.5	1730.6
.7	2635.6	711.6	.7	4337.4	1171.1	.7	6455.9	1743.1
.8	2665.5	719.7	.8	4375.7	1181.4	.8	6502.6	1755.7
.9	2695.6	727.8	.9	4414.2	1191.8	.9	6549.3	1768.3
16.0	2725.9	736.0	21.0	4452.8	1202.3	26.0	6596.3	1781.0
.1	2756.4	744.2	.1	4491.6	1212.7	.1	6643.4	1793.7
.2	2787.0	752.5	.2	4530.5	1223.2	.2	6690.7	1806.5
.3	2817.8	760.8	.3	4569.6	1233.8	.3	6738.2	1819.3
.4	2848.7	769.2	.4	4608.9	1244.4	.4	6785.8	1832.2
.5	2879.9	777.6	.5	4648.4	1255.1	.5	6833.6	1845.1
.6	2911.1	786.0	.6	4688.0	1265.8	.6	6881.5	1858.0
.7	2942.6	794.5	.7	4727.8	1276.5	.7	6929.6	1871.0
.8	2974.2	803.0	.8	4767.7	1287.3	.8	6977.9	1884.0
.9	3006.0	811.6	.9	4807.9	1298.1	.9	7026.4	1897.1
17.0	3038.0	820.3	22.0	4848.1	1309.0	27.0	7075.0	1910.3
.1	3070.1	828.9	.1	4888.6	1319.9	.1	7123.8	1923.4
.2	3102.4	837.6	.2	4929.2	1330.9	.2	7172.7	1936.6
.3	3134.8	846.4	.3	4970.0	1341.9	.3	7221.9	1949.9
.4	3167.4	855.2	.4	5011.0	1353.0	.4	7271.1	1963.2
.5	3200.2	864.1	.5	5052.1	1364.1	.5	7320.6	1976.6
.6	3233.2	873.0	.6	5093.4	1375.2	.6	7370.2	1990.0
.7	3266.3	881.9	.7	5134.8	1386.4	.7	7420.0	2003.4
.8	3299.6	890.9	.8	5176.4	1397.6	.8	7470.0	2016.9
.9	3333.0	899.9	.9	5218.2	1408.9	.9	7520.1	2030.4
18.0	3366.7	909.0	23.0	5260.2	1420.3	28.0	7570.4	2044.0
.1	3400.5	918.1	.1	5302.3	1431.6	.1	7620.8	2057.6
.2	3434.4	927.3	.2	5344.6	1443.0	.2	7671.4	2071.3
.3	3468.5	936.5	.3	5387.0	1454.5	.3	7722.2	2085.0
.4	3502.8	945.8	.4	5429.7	1466.0	.4	7773.2	2098.8
.5	3537.3	955.1	.5	5472.5	1477.6	.5	7824.3	2112.6
.6	3571.9	964.4	.6	5515.4	1489.2	.6	7875.6	2126.4
.7	3606.7	973.8	.7	5558.5	1500.8	.7	7927.0	2140.3
.8	3641.6	983.2	.8	5601.8	1512.5	.8	7978.7	2154.2
.9	3676.8	992.7	.9	5645.3	1524.2	.9	8030.5	2168.2
19.0	3712.0	1002.3	24.0	5688.9	1536.0	29.0	8082.4	2182.3
.1	3747.5	1011.8	.1	5732.7	1547.8	.1	8134.5	2196.3
.2	3783.1	1021.4	.2	5776.6	1559.7	.2	8186.8	2210.4
.3	3818.9	1031.1	.3	5820.8	1571.6	.3	8239.3	2224.6
.4	3854.9	1040.8	.4	5865.0	1583.6	.4	8291.9	2238.8
.5	3891.0	1050.6	.5	5909.5	1595.6	.5	8344.7	2253.1
.6	3927.3	1060.4	.6	5954.1	1607.6	.6	8397.6	2267.4
.7	3963.7	1070.2	.7	5998.9	1619.7	.7	8450.8	2281.7
.8	4000.3	1080.1	.8	6043.9	1631.8	.8	8504.0	2296.1
.9	4037.1	1090.0	.9	6089.0	1644.0	.9	8557.5	2310.5
20.0	4074.1	1100.0	25.0	6134.3	1656.3	30.0	8611.1	2325.0

TABLE VII Side Slopes 2 : 1 and 3 : 1
Crown 1 Foot

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	0.463	0.125	5.1	259.7	70.1	10.1	981.9	265.1
.2	1.111	0.300	.2	269.6	72.8	.2	1001.1	270.3
.3	1.94	0.525	.3	279.7	75.5	.3	1020.5	275.5
.4	2.96	0.80	.4	290.0	78.3	.4	1040.0	280.8
.5	4.17	1.13	.5	300.5	81.1	.5	1059.7	286.1
.6	5.56	1.50	.6	311.1	84.0	.6	1079.6	291.5
.7	7.1	1.93	.7	321.9	86.9	.7	1099.7	296.9
.8	8.9	2.40	.8	333.0	89.9	.8	1120.0	302.4
.9	10.8	2.93	.9	344.2	92.9	.9	1140.5	307.9
1.0	13.0	3.50	6.0	355.6	96.0	11.0	1161.1	313.5
.1	15.3	4.13	.1	367.1	99.1	.1	1181.9	319.1
.2	17.8	4.80	.2	378.9	102.3	.2	1203.0	324.8
.3	20.5	5.53	.3	390.8	105.5	.3	1224.2	330.5
.4	23.3	6.3	.4	403.0	108.8	.4	1245.6	336.3
.5	26.4	7.1	.5	415.3	112.1	.5	1267.1	342.1
.6	29.6	8.0	.6	427.8	115.5	.6	1288.9	348.0
.7	33.1	8.9	.7	440.5	118.9	.7	1310.8	353.9
.8	36.7	9.9	.8	453.3	122.4	.8	1333.0	359.9
.9	40.5	10.9	.9	466.4	125.9	.9	1355.3	365.9
2.0	44.4	12.0	7.0	479.6	129.5	12.0	1377.8	372.0
.1	48.6	13.1	.1	493.1	133.1	.1	1400.5	378.1
.2	53.0	14.3	.2	506.7	136.8	.2	1423.3	384.3
.3	57.5	15.5	.3	520.5	140.5	.3	1446.4	390.5
.4	62.2	16.8	.4	534.4	144.3	.4	1469.6	396.8
.5	67.1	18.1	.5	548.6	148.1	.5	1493.1	403.1
.6	72.2	19.5	.6	563.0	152.0	.6	1516.7	409.5
.7	77.5	20.9	.7	577.5	155.9	.7	1540.5	415.9
.8	83.0	22.4	.8	592.2	159.9	.8	1564.4	422.4
.9	88.6	23.9	.9	607.1	163.9	.9	1588.6	428.9
3.0	94.4	25.5	8.0	622.2	168.0	13.0	1613.0	435.5
.1	100.5	27.1	.1	637.5	172.1	.1	1637.5	442.1
.2	106.7	28.8	.2	653.0	176.3	.2	1662.2	448.8
.3	113.1	30.5	.3	668.6	180.5	.3	1687.1	455.5
.4	119.6	32.3	.4	684.4	184.8	.4	1712.2	462.3
.5	126.4	34.1	.5	700.5	189.1	.5	1737.5	469.1
.6	133.3	36.0	.6	716.7	193.5	.6	1763.0	476.0
.7	140.5	37.9	.7	733.1	197.9	.7	1788.6	482.9
.8	147.8	39.9	.8	749.6	202.4	.8	1814.4	489.9
.9	155.3	41.9	.9	766.4	206.9	.9	1840.5	496.9
4.0	163.0	44.0	9.0	783.3	211.5	14.0	1866.7	504.0
.1	170.8	46.1	.1	800.5	216.1	.1	1893.1	511.1
.2	178.9	48.3	.2	817.8	220.8	.2	1919.6	518.3
.3	187.1	50.5	.3	835.3	225.5	.3	1946.4	525.5
.4	195.6	52.8	.4	853.0	230.3	.4	1973.3	532.8
.5	204.2	55.1	.5	870.8	235.1	.5	2000.5	540.1
.6	213.0	57.5	.6	888.9	240.0	.6	2027.8	547.5
.7	221.9	59.9	.7	907.1	244.9	.7	2055.3	554.9
.8	231.1	62.4	.8	925.6	249.9	.8	2083.0	562.4
.9	240.5	64.9	.9	944.2	254.9	.9	2110.8	569.9
5.0	250.0	67.5	10.0	963.0	260.0	15.0	2138.9	577.5

TABLE VII Side Slopes 2 : 1 and 3 : 1
Crown 1 Foot

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2167.1	585.1	20.1	3815.3	1030.1	25.1	5926.4	1600.1
.2	2195.6	592.8	.2	3853.0	1040.3	.2	5973.3	1612.8
.3	2224.2	600.5	.3	3890.8	1050.5	.3	6020.5	1625.5
.4	2253.0	608.3	.4	3928.9	1060.8	.4	6067.8	1638.3
.5	2281.9	616.1	.5	3967.1	1071.1	.5	6115.3	1651.1
.6	2311.1	624.0	.6	4005.6	1081.5	.6	6163.0	1664.0
.7	2340.5	631.9	.7	4044.2	1091.9	.7	6210.8	1676.9
.8	2370.0	639.9	.8	4083.0	1102.4	.8	6258.9	1689.9
.9	2399.7	647.9	.9	4121.9	1112.9	.9	6307.1	1702.9
16.0	2429.6	656.0	21.0	4161.1	1123.5	26.0	6355.6	1716.0
.1	2459.7	664.1	.1	4200.5	1134.1	.1	6404.2	1729.1
.2	2490.0	672.3	.2	4240.0	1144.8	.2	6453.0	1742.3
.3	2520.5	680.5	.3	4279.7	1155.5	.3	6501.9	1755.5
.4	2551.1	688.8	.4	4319.6	1166.3	.4	6551.1	1768.8
.5	2581.9	697.1	.5	4359.7	1177.1	.5	6600.5	1782.1
.6	2613.0	705.5	.6	4400.0	1188.0	.6	6650.0	1795.5
.7	2644.2	713.9	.7	4440.5	1198.9	.7	6699.7	1808.9
.8	2675.6	722.4	.8	4481.1	1209.9	.8	6749.6	1822.4
.9	2707.1	730.9	.9	4521.9	1220.9	.9	6799.7	1835.9
17.0	2738.9	739.5	22.0	4563.0	1232.0	27.0	6850.0	1849.5
.1	2770.8	748.1	.1	4604.2	1243.1	.1	6900.5	1863.1
.2	2803.0	756.8	.2	4645.6	1254.3	.2	6951.1	1876.8
.3	2835.3	765.5	.3	4687.1	1265.5	.3	7001.9	1890.5
.4	2867.8	774.3	.4	4728.9	1276.8	.4	7053.0	1904.3
.5	2900.5	783.1	.5	4770.8	1288.1	.5	7104.2	1918.1
.6	2933.3	792.0	.6	4813.0	1299.5	.6	7155.6	1932.0
.7	2966.4	800.9	.7	4855.3	1310.9	.7	7207.1	1945.9
.8	2999.6	809.9	.8	4897.8	1322.4	.8	7258.9	1959.9
.9	3033.1	818.9	.9	4940.5	1333.9	.9	7310.8	1973.9
18.0	3066.7	828.0	23.0	4983.3	1345.5	28.0	7363.0	1988.0
.1	3100.5	837.1	.1	5026.4	1357.1	.1	7415.3	2002.1
.2	3134.4	846.3	.2	5069.6	1368.8	.2	7467.8	2016.3
.3	3168.6	855.5	.3	5113.1	1380.5	.3	7520.5	2030.5
.4	3203.0	864.8	.4	5156.7	1392.3	.4	7573.3	2044.8
.5	3237.5	874.1	.5	5200.5	1404.1	.5	7626.4	2059.1
.6	3272.2	883.5	.6	5244.4	1416.0	.6	7679.6	2073.5
.7	3307.1	892.9	.7	5288.6	1427.9	.7	7733.1	2087.9
.8	3342.2	902.4	.8	5333.0	1439.9	.8	7786.7	2102.4
.9	3377.5	911.9	.9	5377.5	1451.9	.9	7840.5	2116.9
19.0	3413.0	921.5	24.0	5422.2	1464.0	29.0	7894.4	2131.5
.1	3448.6	931.1	.1	5467.1	1476.1	.1	7948.6	2146.1
.2	3484.4	940.8	.2	5512.2	1488.3	.2	8003.0	2160.8
.3	3520.5	950.5	.3	5557.5	1500.5	.3	8057.5	2175.5
.4	3556.7	960.3	.4	5603.0	1512.8	.4	8112.2	2190.3
.5	3593.1	970.1	.5	5648.6	1525.1	.5	8167.1	2205.1
.6	3629.6	980.0	.6	5694.4	1537.5	.6	8222.2	2220.0
.7	3666.4	989.9	.7	5740.5	1549.9	.7	8277.5	2234.9
.8	3703.3	999.9	.8	5786.7	1562.4	.8	8333.0	2249.9
.9	3740.5	1009.9	.9	5833.1	1574.9	.9	8388.6	2264.9
20.0	3777.8	1020.0	25.0	5879.6	1587.5	30.0	8444.4	2280.0

TABLE VII Side Slopes 2 : 1 and 3 : 1
Crown 2 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	0.83	0.225	5.1	278.6	75.2	10.1	1019.4	275.2
.2	1.85	0.500	.2	288.9	78.0	.2	1038.9	280.5
.3	3.06	0.825	.3	299.4	80.8	.3	1058.6	285.8
.4	4.44	1.20	.4	310.0	83.7	.4	1078.5	291.2
.5	6.02	1.63	.5	320.8	86.6	.5	1098.6	296.6
.6	7.8	2.10	.6	331.9	89.6	.6	1118.9	302.1
.7	9.7	2.63	.7	343.1	92.6	.7	1139.4	307.6
.8	11.9	3.20	.8	354.4	95.7	.8	1160.0	313.2
.9	14.2	3.83	.9	366.0	98.8	.9	1180.8	318.8
1.0	16.7	4.50	6.0	377.8	102.0	11.0	1201.9	324.5
.1	19.4	5.23	.1	389.7	105.2	.1	1223.1	330.2
.2	22.2	6.0	.2	401.9	108.5	.2	1244.4	336.0
.3	25.3	6.8	.3	414.2	111.8	.3	1266.0	341.8
.4	28.5	7.7	.4	426.7	115.2	.4	1287.8	347.7
.5	31.9	8.6	.5	439.4	118.6	.5	1309.7	353.6
.6	35.6	9.6	.6	452.2	122.1	.6	1331.9	359.6
.7	39.4	10.6	.7	465.3	125.6	.7	1354.2	365.6
.8	43.3	11.7	.8	478.5	129.2	.8	1376.7	371.7
.9	47.5	12.8	.9	491.9	132.8	.9	1399.4	377.8
2.0	51.9	14.0	7.0	505.6	136.5	12.0	1422.2	384.0
.1	56.4	15.2	.1	519.4	140.2	.1	1445.3	390.2
.2	61.1	16.5	.2	533.3	144.0	.2	1468.5	396.5
.3	66.0	17.8	.3	547.5	147.8	.3	1491.9	402.8
.4	71.1	19.2	.4	561.9	151.7	.4	1515.6	409.2
.5	76.4	20.6	.5	576.4	155.6	.5	1539.4	415.6
.6	81.9	22.1	.6	591.1	159.6	.6	1563.3	422.1
.7	87.5	23.6	.7	606.0	163.6	.7	1587.5	428.6
.8	93.3	25.2	.8	621.1	167.7	.8	1611.9	435.2
.9	99.4	26.8	.9	636.4	171.8	.9	1636.4	441.8
3.0	105.6	28.5	8.0	651.9	176.0	13.0	1661.1	448.5
.1	111.9	30.2	.1	667.5	180.2	.1	1686.0	455.2
.2	118.5	32.0	.2	683.3	184.5	.2	1711.1	462.0
.3	125.3	33.8	.3	699.4	188.8	.3	1736.4	468.8
.4	132.2	35.7	.4	715.6	193.2	.4	1761.9	475.7
.5	139.4	37.6	.5	731.9	197.6	.5	1787.5	482.6
.6	146.7	39.6	.6	748.5	202.1	.6	1813.3	489.6
.7	154.2	41.6	.7	765.3	206.6	.7	1839.4	496.6
.8	161.9	43.7	.8	782.2	211.2	.8	1865.6	503.7
.9	169.7	45.8	.9	799.4	215.8	.9	1891.9	510.8
4.0	177.8	48.0	9.0	816.7	220.5	14.0	1918.5	518.0
.1	186.0	50.2	.1	834.2	225.2	.1	1945.3	525.2
.2	194.4	52.5	.2	851.9	230.0	.2	1972.2	532.5
.3	203.1	54.8	.3	869.7	234.8	.3	1999.4	539.8
.4	211.9	57.2	.4	887.8	239.7	.4	2026.7	547.2
.5	220.8	59.6	.5	906.0	244.6	.5	2054.2	554.6
.6	230.0	62.1	.6	924.4	249.6	.6	2081.9	562.1
.7	239.4	64.6	.7	943.1	254.6	.7	2109.7	569.6
.8	248.9	67.2	.8	961.9	259.7	.8	2137.8	577.2
.9	258.6	69.8	.9	980.8	264.8	.9	2166.0	584.8
5.0	268.5	72.5	10.0	1000.0	270.0	15.0	2194.4	592.5

TABLE VII Side Slopes 2 : 1 and 3 : 1

Crown 2 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2223.1	600.2	20.1	3889.7	1050.2	25.1	6019.4	1625.2
.2	2251.9	608.0	.2	3927.8	1060.5	.2	6066.7	1638.0
.3	2280.8	615.8	.3	3966.0	1070.8	.3	6114.2	1650.8
.4	2310.0	623.7	.4	4004.4	1081.2	.4	6161.9	1663.7
.5	2339.4	631.6	.5	4043.1	1091.6	.5	6209.7	1676.6
.6	2368.9	639.6	.6	4081.9	1102.1	.6	6257.8	1689.6
.7	2398.6	647.6	.7	4120.8	1112.6	.7	6306.0	1702.6
.8	2428.5	655.7	.8	4160.0	1123.2	.8	6354.4	1715.7
.9	2458.6	663.8	.9	4199.4	1133.8	.9	6403.1	1728.8
16.0	2488.9	672.0	21.0	4238.9	1144.5	26.0	6451.9	1742.0
.1	2519.4	680.2	.1	4278.6	1155.2	.1	6500.8	1755.2
.2	2550.0	688.5	.2	4318.5	1166.0	.2	6550.0	1768.5
.3	2580.8	696.8	.3	4358.6	1176.8	.3	6599.4	1781.8
.4	2611.9	705.2	.4	4398.9	1187.7	.4	6648.9	1795.2
.5	2643.1	713.6	.5	4439.4	1198.6	.5	6698.6	1808.6
.6	2674.4	722.1	.6	4480.0	1209.6	.6	6748.5	1822.1
.7	2706.0	730.6	.7	4520.8	1220.6	.7	6798.6	1835.6
.8	2737.8	739.2	.8	4561.9	1231.7	.8	6848.9	1849.2
.9	2769.7	747.8	.9	4603.1	1242.8	.9	6899.4	1862.8
17.0	2801.9	756.5	22.0	4644.4	1254.0	27.0	6950.0	1876.5
.1	2834.2	765.2	.1	4686.0	1265.2	.1	7000.8	1890.2
.2	2866.7	774.0	.2	4727.8	1276.5	.2	7051.9	1904.0
.3	2899.4	782.8	.3	4769.7	1287.8	.3	7103.1	1917.8
.4	2932.2	791.7	.4	4811.9	1299.2	.4	7154.4	1931.7
.5	2965.3	800.6	.5	4854.2	1310.6	.5	7206.0	1945.6
.6	2998.5	809.6	.6	4896.7	1322.1	.6	7257.8	1959.6
.7	3031.9	818.6	.7	4939.4	1333.6	.7	7309.7	1973.6
.8	3065.6	827.7	.8	4982.2	1345.2	.8	7361.9	1987.7
.9	3099.4	836.8	.9	5025.3	1356.8	.9	7414.2	2001.8
18.0	3133.3	846.0	23.0	5068.5	1368.5	28.0	7466.7	2016.0
.1	3167.5	855.2	.1	5111.9	1380.2	.1	7519.4	2030.2
.2	3201.9	864.5	.2	5155.6	1392.0	.2	7572.2	2044.5
.3	3236.4	873.8	.3	5199.4	1403.8	.3	7625.3	2058.8
.4	3271.1	883.2	.4	5243.3	1415.7	.4	7678.5	2073.2
.5	3306.0	892.6	.5	5287.5	1427.6	.5	7731.9	2087.6
.6	3341.1	902.1	.6	5331.9	1439.6	.6	7785.6	2102.1
.7	3376.4	911.6	.7	5376.4	1451.6	.7	7839.4	2116.6
.8	3411.9	921.2	.8	5421.1	1463.7	.8	7893.3	2131.2
.9	3447.5	930.8	.9	5466.0	1475.8	.9	7947.5	2145.8
19.0	3483.3	940.5	24.0	5511.1	1488.0	29.0	8001.9	2160.5
.1	3519.4	950.2	.1	5556.4	1500.2	.1	8056.4	2175.2
.2	3555.6	960.0	.2	5601.9	1512.5	.2	8111.1	2190.0
.3	3591.9	969.8	.3	5647.5	1524.8	.3	8166.0	2204.8
.4	3628.5	979.7	.4	5693.3	1537.2	.4	8221.1	2219.7
.5	3665.3	989.6	.5	5739.4	1549.6	.5	8276.4	2234.6
.6	3702.2	999.6	.6	5785.6	1562.1	.6	8331.9	2249.6
.7	3739.4	1009.6	.7	5831.9	1574.6	.7	8387.5	2264.6
.8	3776.7	1019.7	.8	5878.5	1587.2	.8	8443.3	2279.7
.9	3814.2	1029.8	.9	5925.3	1599.8	.9	8499.4	2294.8
20.0	3851.9	1040.0	25.0	5972.2	1612.5	30.0	8555.6	2310.0

TABLE VII Side Slopes 2 : 1 and 3 : 1
Crown 3 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.20	0.325	5.1	297.5	80.3	10.1	1056.8	285.3
.2	2.59	0.700	.2	308.1	83.2	.2	1076.7	290.7
.3	4.17	1.13	.3	319.0	86.1	.3	1096.8	296.1
.4	5.93	1.60	.4	330.0	89.1	.4	1117.0	301.6
.5	7.9	2.13	.5	341.2	92.1	.5	1137.5	307.1
.6	10.0	2.70	.6	352.6	95.2	.6	1158.1	312.7
.7	12.3	3.33	.7	364.2	98.3	.7	1179.0	318.3
.8	14.8	4.00	.8	375.9	101.5	.8	1200.0	324.0
.9	17.5	4.73	.9	387.9	104.7	.9	1221.2	329.7
1.0	20.4	5.50	6.0	400.0	108.0	11.0	1242.6	335.5
.1	23.4	6.3	.1	412.3	111.3	.1	1264.2	341.3
.2	26.7	7.2	.2	424.8	114.7	.2	1285.9	347.2
.3	30.1	8.1	.3	437.5	118.1	.3	1307.9	353.1
.4	33.7	9.1	.4	450.4	121.6	.4	1330.0	359.1
.5	37.5	10.1	.5	463.4	125.1	.5	1352.3	365.1
.6	41.5	11.2	.6	476.7	128.7	.6	1374.8	371.2
.7	45.6	12.3	.7	490.1	132.3	.7	1397.5	377.3
.8	50.0	13.5	.8	503.7	136.0	.8	1420.4	383.5
.9	54.5	14.7	.9	517.5	139.7	.9	1443.4	389.7
2.0	59.3	16.0	7.0	531.5	143.5	12.0	1466.7	396.0
.1	64.2	17.3	.1	545.6	147.3	.1	1490.1	402.3
.2	69.3	18.7	.2	560.0	151.2	.2	1513.7	408.7
.3	74.5	20.1	.3	574.5	155.1	.3	1537.5	415.1
.4	80.0	21.6	.4	589.3	159.1	.4	1561.5	421.6
.5	85.6	23.1	.5	604.2	163.1	.5	1585.6	428.1
.6	91.5	24.7	.6	619.3	167.2	.6	1610.0	434.7
.7	97.5	26.3	.7	634.5	171.3	.7	1634.5	441.3
.8	103.7	28.0	.8	650.0	175.5	.8	1659.3	448.0
.9	110.1	29.7	.9	665.6	179.7	.9	1684.2	454.7
3.0	116.7	31.5	8.0	681.5	184.0	13.0	1709.3	461.5
.1	123.4	33.3	.1	697.5	188.3	.1	1734.5	468.3
.2	130.4	35.2	.2	713.7	192.7	.2	1760.0	475.2
.3	137.5	37.1	.3	730.1	197.1	.3	1785.6	482.1
.4	144.8	39.1	.4	746.7	201.6	.4	1811.5	489.1
.5	152.3	41.1	.5	763.4	206.1	.5	1837.5	496.1
.6	160.0	43.2	.6	780.4	210.7	.6	1863.7	503.2
.7	167.9	45.3	.7	797.5	215.3	.7	1890.1	510.3
.8	175.9	47.5	.8	814.8	220.0	.8	1916.7	517.5
.9	184.2	49.7	.9	832.3	224.7	.9	1943.4	524.7
4.0	192.6	52.0	9.0	850.0	229.5	14.0	1970.4	532.0
.1	201.2	54.3	.1	867.9	234.3	.1	1997.5	539.3
.2	210.0	56.7	.2	885.9	239.2	.2	2024.8	546.7
.3	219.0	59.1	.3	904.2	244.1	.3	2052.3	554.1
.4	228.1	61.6	.4	922.6	249.1	.4	2080.0	561.6
.5	237.5	64.1	.5	941.2	254.1	.5	2107.9	569.1
.6	247.0	66.7	.6	960.0	259.2	.6	2135.9	576.7
.7	256.8	69.3	.7	979.0	264.3	.7	2164.2	584.3
.8	266.7	72.0	.8	998.1	269.5	.8	2192.6	592.0
.9	276.8	74.7	.9	1017.5	274.7	.9	2221.2	599.7
5.0	287.0	77.5	10.0	1037.0	280.0	15.0	2250.0	607.5

TABLE VII Side Slopes 2 : 1 and 3 : 1
Crown 3 Feet

Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
2279.0	615.3	20.1	3964.2	1070.3	25.1	6112.3	1650.3
2308.1	623.2	.2	4002.6	1080.7	.2	6160.0	1663.2
2337.5	631.1	.3	4041.2	1091.1	.3	6207.9	1676.1
2367.0	639.1	.4	4080.0	1101.6	.4	6255.9	1689.1
2396.8	647.1	.5	4119.0	1112.1	.5	6304.2	1702.1
2426.7	655.2	.6	4158.1	1122.7	.6	6352.6	1715.2
2456.8	663.3	.7	4197.5	1133.3	.7	6401.2	1728.3
2487.0	671.5	.8	4237.0	1144.0	.8	6450.0	1741.5
2517.5	679.7	.9	4276.8	1154.7	.9	6499.0	1754.7
2548.1	688.0	21.0	4316.7	1165.5	26.0	6548.1	1768.0
2579.0	696.3	.1	4356.8	1176.3	.1	6597.5	1781.3
2610.0	704.7	.2	4397.0	1187.2	.2	6647.0	1794.7
2641.2	713.1	.3	4437.5	1198.1	.3	6696.8	1808.1
2672.6	721.6	.4	4478.1	1209.1	.4	6746.7	1821.6
2704.2	730.1	.5	4519.0	1220.1	.5	6796.8	1835.1
2735.9	738.7	.6	4560.0	1231.2	.6	6847.0	1848.7
2767.9	747.3	.7	4601.2	1242.3	.7	6897.5	1862.3
2800.0	756.0	.8	4642.6	1253.5	.8	6948.1	1876.0
2832.3	764.7	.9	4684.2	1264.7	.9	6999.0	1889.7
2864.8	773.5	22.0	4725.9	1276.0	27.0	7050.0	1903.5
2897.5	782.3	.1	4767.9	1287.3	.1	7101.2	1917.3
2930.4	791.2	.2	4810.0	1298.7	.2	7152.6	1931.2
2963.4	800.1	.3	4852.3	1310.1	.3	7204.2	1945.1
2996.7	809.1	.4	4894.8	1321.6	.4	7255.9	1959.1
3030.1	818.1	.5	4937.5	1333.1	.5	7307.9	1973.1
3063.7	827.2	.6	4980.4	1344.7	.6	7360.0	1987.2
3097.5	836.3	.7	5023.4	1356.3	.7	7412.3	2001.3
3131.5	845.5	.8	5066.7	1368.0	.8	7464.8	2015.5
3165.6	854.7	.9	5110.1	1379.7	.9	7517.5	2029.7
3200.0	864.0	23.0	5153.7	1391.5	28.0	7570.4	2044.0
3234.5	873.3	.1	5197.5	1403.3	.1	7623.4	2058.3
3269.3	882.7	.2	5241.5	1415.2	.2	7676.7	2072.7
3304.2	892.1	.3	5285.6	1427.1	.3	7730.1	2087.1
3339.3	901.6	.4	5330.0	1439.1	.4	7783.7	2101.6
3374.5	911.1	.5	5374.5	1451.1	.5	7837.5	2116.1
3410.0	920.7	.6	5419.3	1463.2	.6	7891.5	2130.7
3445.6	930.3	.7	5464.2	1475.3	.7	7945.6	2145.3
3481.5	940.0	.8	5509.3	1487.5	.8	8000.0	2160.0
3517.5	949.7	.9	5554.5	1499.7	.9	8054.5	2174.7
3553.7	959.5	24.0	5600.0	1512.0	29.0	8109.3	2189.5
3590.1	969.3	.1	5645.6	1524.3	.1	8164.2	2204.3
3626.7	979.2	.2	5691.5	1536.7	.2	8219.3	2219.2
3663.4	989.1	.3	5737.5	1549.1	.3	8274.5	2234.1
3700.4	999.1	.4	5783.7	1561.6	.4	8330.0	2249.1
3737.5	1009.1	.5	5830.1	1574.1	.5	8385.6	2264.1
3774.8	1019.2	.6	5876.7	1586.7	.6	8441.5	2279.2
3812.3	1029.3	.7	5923.4	1599.3	.7	8497.5	2294.3
3850.0	1039.5	.8	5970.4	1612.0	.8	8553.7	2309.5
3887.9	1049.7	.9	6017.5	1624.7	.9	8610.1	2324.7
3925.9	1060.0	25.0	6064.8	1637.5	30.0	8666.7	2340.0

TABLE VII Side Slopes 2 : 1 and 3 : 1
Crown 4 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	1.57	0.425	5.1	316.4	85.4	10.1	1094.2	295.4
.2	3.33	0.900	.2	327.4	88.4	.2	1114.4	300.9
.3	5.28	1.43	.3	338.6	91.4	.3	1134.9	306.4
.4	7.4	2.00	.4	350.0	94.5	.4	1155.6	312.0
.5	9.7	2.63	.5	361.6	97.6	.5	1176.4	317.6
.6	12.2	3.30	.6	373.3	100.8	.6	1197.4	323.3
.7	14.9	4.03	.7	385.3	104.0	.7	1218.6	329.0
.8	17.8	4.80	.8	397.4	107.3	.8	1240.0	334.8
.9	20.8	5.63	.9	409.7	110.6	.9	1261.6	340.6
1.0	24.1	6.5	6.0	422.2	114.0	11.0	1283.3	346.5
.1	27.5	7.4	.1	434.9	117.4	.1	1305.3	352.4
.2	31.1	8.4	.2	447.8	120.9	.2	1327.4	358.4
.3	34.9	9.4	.3	460.8	124.4	.3	1349.7	364.4
.4	38.9	10.5	.4	474.1	128.0	.4	1372.2	370.5
.5	43.1	11.6	.5	487.5	131.6	.5	1394.9	376.6
.6	47.4	12.8	.6	501.1	135.3	.6	1417.8	382.8
.7	51.9	14.0	.7	514.9	139.0	.7	1440.8	389.0
.8	56.7	15.3	.8	528.9	142.8	.8	1464.1	395.3
.9	61.6	16.6	.9	543.1	146.6	.9	1487.5	401.6
2.0	66.7	18.0	7.0	557.4	150.5	12.0	1511.1	408.0
.1	71.9	19.4	.1	571.9	154.4	.1	1534.9	414.4
.2	77.4	20.9	.2	586.7	158.4	.2	1558.9	420.9
.3	83.1	22.4	.3	601.6	162.4	.3	1583.1	427.4
.4	88.9	24.0	.4	616.7	166.5	.4	1607.4	434.0
.5	94.9	25.6	.5	631.9	170.6	.5	1631.9	440.6
.6	101.1	27.3	.6	647.4	174.8	.6	1656.7	447.3
.7	107.5	29.0	.7	663.1	179.0	.7	1681.6	454.0
.8	114.1	30.8	.8	678.9	183.3	.8	1706.7	460.8
.9	120.8	32.6	.9	694.9	187.6	.9	1731.9	467.6
3.0	127.8	34.5	8.0	711.1	192.0	13.0	1757.4	474.5
.1	134.9	36.4	.1	727.5	196.4	.1	1783.1	481.4
.2	142.2	38.4	.2	744.1	200.9	.2	1808.9	488.4
.3	149.7	40.4	.3	760.8	205.4	.3	1834.9	495.4
.4	157.4	42.5	.4	777.8	210.0	.4	1861.1	502.5
.5	165.3	44.6	.5	794.9	214.6	.5	1887.5	509.6
.6	173.3	46.8	.6	812.2	219.3	.6	1914.1	516.8
.7	181.6	49.0	.7	829.7	224.0	.7	1940.8	524.0
.8	190.0	51.3	.8	847.4	228.8	.8	1967.8	531.3
.9	198.6	53.6	.9	865.3	233.6	.9	1994.9	538.6
4.0	207.4	56.0	9.0	883.3	238.5	14.0	2022.2	546.0
.1	216.4	58.4	.1	901.6	243.4	.1	2049.7	553.
.2	225.6	60.9	.2	920.0	248.4	.2	2077.4	560
.3	234.9	63.4	.3	938.6	253.4	.3	2105.3	568
.4	244.4	66.0	.4	957.4	258.5	.4	2133.3	576
.5	254.2	68.6	.5	976.4	263.6	.5	2161.6	583
.6	264.1	71.3	.6	995.6	268.8	.6	2190.0	591
.7	274.2	74.0	.7	1014.9	274.0	.7	2218.6	599
.8	284.4	76.8	.8	1034.4	279.3	.8	2247.4	60
.9	294.9	79.6	.9	1054.2	284.6	.9	2276.4	61
5.0	305.6	82.5	10.0	1074.1	290.0	15.0	2305.6	62

TABLE VII Side Slopes 2 : 1 and 3 : 1
Crown 4 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2334.9	630.4	20.1	4038.6	1090.4	25.1	6205.3	1675.4
.2	2364.4	638.4	.2	4077.4	1100.9	.2	6253.3	1688.4
.3	2394.2	646.4	.3	4116.4	1111.4	.3	6301.6	1701.4
.4	2424.1	654.5	.4	4155.6	1122.0	.4	6350.0	1714.5
.5	2454.2	662.6	.5	4194.9	1132.6	.5	6398.6	1727.6
.6	2484.4	670.8	.6	4234.4	1143.3	.6	6447.4	1740.8
.7	2514.9	679.0	.7	4274.2	1151.0	.7	6496.4	1754.0
.8	2545.6	687.3	.8	4314.1	1164.8	.8	6545.6	1767.3
.9	2576.4	695.6	.9	4354.2	1175.6	.9	6594.9	1780.6
16.0	2607.4	704.0	21.0	4394.4	1186.5	26.0	6644.4	1794.0
.1	2638.6	712.4	.1	4434.9	1197.4	.1	6694.2	1807.4
.2	2670.0	720.9	.2	4475.6	1208.4	.2	6744.1	1820.9
.3	2701.6	729.4	.3	4516.4	1219.4	.3	6794.2	1834.4
.4	2733.3	738.0	.4	4557.4	1230.5	.4	6844.4	1848.0
.5	2765.3	746.6	.5	4598.6	1241.6	.5	6894.9	1861.6
.6	2797.4	755.3	.6	4640.0	1252.8	.6	6945.6	1875.3
.7	2829.7	764.0	.7	4681.6	1264.0	.7	6996.4	1889.0
.8	2862.2	772.8	.8	4723.3	1275.3	.8	7047.4	1902.8
.9	2894.9	781.6	.9	4765.3	1286.6	.9	7098.6	1916.6
17.0	2927.8	790.5	22.0	4807.4	1298.0	27.0	7150.0	1930.5
.1	2960.8	799.4	.1	4849.7	1309.4	.1	7201.6	1944.4
.2	2994.1	808.4	.2	4892.2	1320.9	.2	7253.3	1958.4
.3	3027.5	817.4	.3	4934.9	1332.4	.3	7305.3	1972.4
.4	3061.1	826.5	.4	4977.8	1344.0	.4	7357.4	1986.5
.5	3094.9	835.6	.5	5020.8	1355.6	.5	7409.7	2000.6
.6	3128.9	844.8	.6	5064.1	1367.3	.6	7462.2	2014.8
.7	3163.1	854.0	.7	5107.5	1379.0	.7	7514.9	2029.0
.8	3197.4	863.3	.8	5151.1	1390.8	.8	7567.8	2043.3
.9	3231.9	872.6	.9	5194.9	1402.6	.9	7620.8	2057.6
18.0	3266.7	882.0	23.0	5238.9	1414.5	28.0	7674.1	2072.0
.1	3301.6	891.4	.1	5283.1	1426.4	.1	7727.5	2086.4
.2	3336.7	900.9	.2	5327.4	1438.4	.2	7781.1	2100.9
.3	3371.9	910.4	.3	5371.9	1450.4	.3	7834.9	2115.4
.4	3407.4	920.0	.4	5416.7	1462.5	.4	7888.9	2130.0
.5	3443.1	929.6	.5	5461.6	1474.6	.5	7943.1	2144.6
.6	3478.9	939.3	.6	5506.7	1486.8	.6	7997.4	2159.3
.7	3514.9	949.0	.7	5551.9	1499.0	.7	8051.9	2174.0
.8	3551.1	958.8	.8	5597.4	1511.3	.8	8106.7	2188.8
.9	3587.5	968.6	.9	5643.1	1523.6	.9	8161.6	2203.6
19.0	3624.1	978.5	24.0	5688.9	1536.0	29.0	8216.7	2218.5
.1	3660.8	988.4	.1	5734.9	1548.4	.1	8271.9	2233.4
.2	3697.8	998.4	.2	5781.1	1560.9	.2	8327.4	2248.4
.3	3734.9	1008.4	.3	5827.5	1573.4	.3	8383.1	2263.4
.4	3772.2	1018.5	.4	5874.1	1586.0	.4	8438.9	2278.5
.5	3809.7	1028.6	.5	5920.8	1598.6	.5	8494.9	2293.6
.6	3847.4	1038.8	.6	5967.8	1611.3	.6	8551.1	2308.8
.7	3885.3	1049.0	.7	6014.9	1624.0	.7	8607.5	2324.0
.8	3923.3	1059.3	.8	6062.2	1636.8	.8	8664.1	2339.3
.9	3961.6	1069.6	.9	6109.7	1649.6	.9	8720.8	2354.6
20.0	4000.0	1080.0	25.0	6157.4	1662.5	30.0	8777.8	2370.0

TABLE VII Side Slopes 2 : 1 and 3 : 1

Crown 5 Feet

	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
	1.94	0.53	5.1	335.3	90.5	10.1	1131.6	305.5
	4.07	1.10	.2	346.7	93.6	.2	1152.2	311.1
	6.39	1.73	.3	358.2	96.7	.3	1173.1	316.
4	8.9	2.40	.4	370.0	99.9	.4	1194.1	322.
5	11.6	3.13	.5	381.9	103.1	.5	1215.3	328.
.6	14.4	3.90	.6	394.1	106.4	.6	1236.7	333.
.7	17.5	4.73	.7	406.4	109.7	.7	1258.2	339
.8	20.7	5.60	.8	418.9	113.1	.8	1280.0	345
.9	24.2	6.5	.9	431.6	116.5	.9	1301.9	351
1.0	27.8	7.5	6.0	444.4	120.0	11.0	1324.1	357
.1	31.6	8.5	.1	457.5	123.5	.1	1346.4	363
.2	35.6	9.6	.2	470.7	127.1	.2	1368.9	369
.3	39.7	10.7	.3	484.2	130.7	.3	1391.6	375
.4	44.1	11.9	.4	497.8	134.4	.4	1414.4	381
.5	48.6	13.1	.5	511.6	138.1	.5	1437.5	388
.6	53.3	14.4	.6	525.6	141.9	.6	1460.7	394
.7	58.2	15.7	.7	539.7	145.7	.7	1484.2	400
.8	63.3	17.1	.8	554.1	149.6	.8	1507.8	40
.9	68.6	18.5	.9	568.6	153.5	.9	1531.6	41
2.0	74.1	20.0	7.0	583.3	157.5	12.0	1555.6	42
.1	79.7	21.5	.1	598.2	161.5	.1	1579.7	42
.2	85.6	23.1	.2	613.3	165.6	.2	1604.1	43
.3	91.6	24.7	.3	628.6	169.7	.3	1628.6	43
.4	97.8	26.4	.4	644.1	173.9	.4	1653.3	44
.5	104.2	28.1	.5	659.7	178.1	.5	1678.2	45
.6	110.7	29.9	.6	675.6	182.4	.6	1703.3	45
.7	117.5	31.7	.7	691.6	186.7	.7	1728.6	46
.8	124.4	33.6	.8	707.8	191.1	.8	1754.1	47
.9	131.6	35.5	.9	724.2	195.5	.9	1779.7	48
3.0	138.9	37.5	8.0	740.7	200.0	13.0	1805.6	487
.1	146.4	39.5	.1	757.5	204.5	.1	1831.6	494
.2	154.1	41.6	.2	774.4	209.1	.2	1857.8	501
.3	161.9	43.7	.3	791.6	213.7	.3	1884.2	508
.4	170.0	45.9	.4	808.9	218.4	.4	1910.7	515
.5	178.2	48.1	.5	826.4	223.1	.5	1937.5	523
.6	186.7	50.4	.6	844.1	227.9	.6	1964.4	530
.7	195.3	52.7	.7	861.9	232.7	.7	1991.6	537
.8	204.1	55.1	.8	880.0	237.6	.8	2018.9	545
.9	213.1	57.5	.9	898.2	242.5	.9	2046.4	552
4.0	222.2	60.0	9.0	916.7	247.5	14.0	2074.1	560
.1	231.6	62.5	.1	935.3	252.5	.1	2101.9	567
.2	241.1	65.1	.2	954.1	257.6	.2	2130.0	575
.3	250.8	67.7	.3	973.1	262.7	.3	2158.2	582
.4	260.7	70.4	.4	992.2	267.9	.4	2186.7	590
.5	270.8	73.1	.5	1011.6	273.1	.5	2215.3	598
.6	281.1	75.9	.6	1031.1	278.4	.6	2244.1	60
.7	291.6	78.7	.7	1050.8	283.7	.7	2273.1	61
.8	302.2	81.6	.8	1070.7	289.1	.8	2302.2	62
.9	313.1	84.5	.9	1090.8	294.5	.9	2331.6	62
	324.1	87.5	10.0	1111.1	300.0	15.0	2361.1	63

TABLE VII Side Slopes 2 : 1 and 3 : 1

Crown 5 Feet

Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
2390.8	645.5	20.1	4113.1	1110.5	25.1	6298.2	1700.5
2420.7	653.6	.2	4152.2	1121.1	.2	6346.7	1713.6
2450.8	661.7	.3	4191.6	1131.7	.3	6395.3	1726.7
2481.1	669.9	.4	4231.1	1142.4	.4	6444.1	1739.9
2511.6	678.1	.5	4270.8	1153.1	.5	6493.1	1753.1
2542.2	686.4	.6	4310.7	1163.9	.6	6542.2	1766.4
2573.1	694.7	.7	4350.8	1174.7	.7	6591.6	1779.7
2604.1	703.1	.8	4391.1	1185.6	.8	6641.1	1793.1
2635.3	711.5	.9	4431.6	1196.5	.9	6690.8	1806.5
2666.7	720.0	21.0	4472.2	1207.5	26.0	6740.7	1820.0
2698.2	728.5	.1	4513.1	1218.5	.1	6790.8	1833.5
2730.0	737.1	.2	4554.1	1229.6	.2	6841.1	1847.1
2761.9	745.7	.3	4595.3	1240.7	.3	6891.6	1860.7
2794.1	754.4	.4	4636.7	1251.9	.4	6942.2	1874.4
2826.4	763.1	.5	4678.2	1263.1	.5	6993.1	1888.1
2858.9	771.9	.6	4720.0	1274.4	.6	7044.1	1901.9
2891.6	780.7	.7	4761.9	1285.7	.7	7095.3	1915.7
2924.4	789.6	.8	4804.1	1297.1	.8	7146.7	1929.6
2957.5	798.5	.9	4846.4	1308.5	.9	7198.2	1943.5
2990.7	807.5	22.0	4888.9	1320.0	27.0	7250.0	1957.5
3024.2	816.5	.1	4931.6	1331.5	.1	7301.9	1971.5
3057.8	825.6	.2	4974.4	1343.1	.2	7354.1	1985.6
3091.6	834.7	.3	5017.5	1354.7	.3	7406.4	1999.7
3125.6	843.9	.4	5060.7	1366.4	.4	7458.9	2013.9
3159.7	853.1	.5	5104.2	1378.1	.5	7511.6	2028.1
3194.1	862.4	.6	5147.8	1389.9	.6	7564.4	2042.4
3228.6	871.7	.7	5191.6	1401.7	.7	7617.5	2056.7
3263.3	881.1	.8	5235.6	1413.6	.8	7670.7	2071.1
3298.2	890.5	.9	5279.7	1425.5	.9	7724.2	2085.5
3333.3	900.0	23.0	5324.1	1437.5	28.0	7777.8	2100.0
3368.6	909.5	.1	5368.6	1449.5	.1	7831.6	2114.5
3404.1	919.1	.2	5413.3	1461.6	.2	7885.6	2129.1
3439.7	928.7	.3	5458.2	1473.7	.3	7939.7	2143.7
3475.6	938.4	.4	5503.3	1485.9	.4	7994.1	2158.4
3511.6	948.1	.5	5548.6	1498.1	.5	8048.6	2173.1
3547.8	957.9	.6	5594.1	1510.4	.6	8103.3	2187.9
3584.2	967.7	.7	5639.7	1522.7	.7	8158.2	2202.7
3620.7	977.6	.8	5685.6	1535.1	.8	8213.3	2217.6
3657.5	987.5	.9	5731.6	1547.5	.9	8268.6	2232.5
3694.4	997.5	24.0	5777.8	1560.0	29.0	8324.1	2247.5
3731.6	1007.5	.1	5824.2	1572.5	.1	8379.7	2262.5
3768.9	1017.6	.2	5870.7	1585.1	.2	8435.6	2277.6
3806.4	1027.7	.3	5917.5	1597.7	.3	8491.6	2292.7
3844.1	1037.9	.4	5964.4	1610.4	.4	8547.8	2307.9
3881.9	1048.1	.5	6011.6	1623.1	.5	8604.2	2323.1
3920.0	1058.4	.6	6058.9	1635.9	.6	8660.7	2338.4
3958.2	1068.7	.7	6106.4	1648.7	.7	8717.5	2353.7
3996.7	1079.1	.8	6154.1	1661.6	.8	8774.4	2369.1
4035.3	1089.5	.9	6201.9	1674.5	.9	8831.6	2384.5
4074.1	1100.0	25.0	6250.0	1687.5	30.0	8888.9	2400.0

TABLE VII Side Slopes 2 : 1 and 3 : 1
Crown 6 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	2.31	0.63	5.1	354.2	95.6	10.1	1169.0	315.6
.2	4.81	1.30	.2	365.9	98.8	.2	1190.0	321.3
.3	7.50	2.03	.3	377.9	102.0	.3	1211.2	327.0
.4	10.4	2.80	.4	390.0	105.3	.4	1232.6	332.8
.5	13.4	3.63	.5	402.3	108.6	.5	1254.2	338.6
.6	16.7	4.50	.6	414.8	112.0	.6	1275.9	344.5
.7	20.1	5.43	.7	427.5	115.4	.7	1297.9	350.4
.8	23.7	6.4	.8	440.4	118.9	.8	1320.0	356.4
.9	27.5	7.4	.9	453.4	122.4	.9	1342.3	362.4
1.0	31.5	8.5	6.0	466.7	126.0	11.0	1364.8	368.5
.1	35.6	9.6	.1	480.1	129.6	.1	1387.5	374.6
.2	40.0	10.8	.2	493.7	133.3	.2	1410.4	380.8
.3	44.5	12.0	.3	507.5	137.0	.3	1433.4	387.0
.4	49.3	13.3	.4	521.5	140.8	.4	1456.7	393.3
.5	54.2	14.6	.5	535.6	144.6	.5	1480.1	399.6
.6	59.3	16.0	.6	550.0	148.5	.6	1503.7	406.0
.7	64.5	17.4	.7	564.5	152.4	.7	1527.5	412.4
.8	70.0	18.9	.8	579.3	156.4	.8	1551.5	418.9
.9	75.6	20.4	.9	594.2	160.4	.9	1575.6	425.4
2.0	81.5	22.0	7.0	609.3	164.5	12.0	1600.0	432.0
.1	87.5	23.6	.1	624.5	168.6	.1	1624.5	438.6
.2	93.7	25.3	.2	640.0	172.8	.2	1649.3	445.3
.3	100.1	27.0	.3	655.6	177.0	.3	1674.2	452.0
.4	106.7	28.8	.4	671.5	181.3	.4	1699.3	458.8
.5	113.4	30.6	.5	687.5	185.6	.5	1724.5	465.6
.6	120.4	32.5	.6	703.7	190.0	.6	1750.0	472.5
.7	127.5	34.4	.7	720.1	194.4	.7	1775.6	479.4
.8	134.8	36.4	.8	736.7	198.9	.8	1801.5	486.4
.9	142.3	38.4	.9	753.4	203.4	.9	1827.5	493.4
3.0	150.0	40.5	8.0	770.4	208.0	13.0	1853.7	500.5
.1	157.9	42.6	.1	787.5	212.6	.1	1880.1	507.6
.2	165.9	44.8	.2	804.8	217.3	.2	1906.7	514.8
.3	174.2	47.0	.3	822.3	222.0	.3	1933.4	522.0
.4	182.6	49.3	.4	840.0	226.8	.4	1960.4	529.3
.5	191.2	51.6	.5	857.9	231.6	.5	1987.5	536.6
.6	200.0	54.0	.6	875.9	236.5	.6	2014.8	544.0
.7	209.0	56.4	.7	894.2	241.4	.7	2042.3	551.4
.8	218.1	58.9	.8	912.6	246.4	.8	2070.0	558.9
.9	227.5	61.4	.9	931.2	251.4	.9	2097.9	566.4
4.0	237.0	64.0	9.0	950.0	256.5	14.0	2125.9	574.0
.1	246.8	66.6	.1	969.0	261.6	.1	2154.2	581.6
.2	256.7	69.3	.2	988.1	266.8	.2	2182.6	589.3
.3	266.8	72.0	.3	1007.5	272.0	.3	2211.2	597.0
.4	277.0	74.8	.4	1027.0	277.3	.4	2240.0	604.8
.5	287.5	77.6	.5	1046.8	282.6	.5	2269.0	612.6
.6	298.1	80.5	.6	1066.7	288.0	.6	2298.1	620.5
.7	309.0	83.4	.7	1086.8	293.4	.7	2327.5	628.4
.8	320.0	86.4	.8	1107.0	298.9	.8	2357.0	636.4
.9	331.2	89.4	.9	1127.5	304.4	.9	2386.8	644.4
5.0	342.6	92.5	10.0	1148.1	310.0	15.0	2416.7	652.5

TABLE VII Side Slopes 2 : 1 and 3 : 1
Crown 6 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2446.8	660.6	20.1	4187.5	1130.6	25.1	6391.2	1725.6
.2	2477.0	668.8	.2	4227.0	1141.3	.2	6440.0	1738.8
.3	2507.5	677.0	.3	4266.8	1152.0	.3	6489.0	1752.0
.4	2538.1	685.3	.4	4306.7	1162.8	.4	6538.1	1765.3
.5	2569.0	693.6	.5	4346.8	1173.6	.5	6587.5	1778.6
.6	2600.0	702.0	.6	4387.0	1184.5	.6	6637.0	1792.0
.7	2631.2	710.4	.7	4427.5	1195.4	.7	6686.8	1805.4
.8	2662.6	718.9	.8	4468.1	1206.4	.8	6736.7	1818.9
.9	2694.2	727.4	.9	4509.0	1217.4	.9	6786.8	1832.4
16.0	2725.9	736.0	21.0	4550.0	1228.5	26.0	6837.0	1846.0
.1	2757.9	744.6	.1	4591.2	1239.6	.1	6887.5	1859.6
.2	2790.0	753.3	.2	4632.6	1250.8	.2	6938.1	1873.3
.3	2822.3	762.0	.3	4674.2	1262.0	.3	6989.0	1887.0
.4	2854.8	770.8	.4	4715.9	1273.3	.4	7040.0	1900.8
.5	2887.5	779.6	.5	4757.9	1284.6	.5	7091.2	1914.6
.6	2920.4	788.5	.6	4800.0	1296.0	.6	7142.6	1928.5
.7	2953.4	797.4	.7	4842.3	1307.4	.7	7194.2	1942.4
.8	2986.7	806.4	.8	4884.8	1318.9	.8	7245.9	1956.4
.9	3020.1	815.4	.9	4927.5	1330.4	.9	7297.9	1970.4
17.0	3053.7	824.5	22.0	4970.4	1342.0	27.0	7350.0	1984.5
.1	3087.5	833.6	.1	5013.4	1353.6	.1	7402.3	1998.6
.2	3121.5	842.8	.2	5056.7	1365.3	.2	7454.8	2012.8
.3	3155.6	852.0	.3	5100.1	1377.0	.3	7507.5	2027.0
.4	3190.0	861.3	.4	5143.7	1388.8	.4	7560.4	2041.3
.5	3224.5	870.6	.5	5187.5	1400.6	.5	7613.4	2055.6
.6	3259.3	880.0	.6	5231.5	1412.5	.6	7666.7	2070.0
.7	3294.2	889.4	.7	5275.6	1424.4	.7	7720.1	2084.4
.8	3329.3	898.9	.8	5320.0	1436.4	.8	7773.7	2098.9
.9	3364.5	908.4	.9	5364.5	1448.4	.9	7827.5	2113.4
18.0	3400.0	918.0	23.0	5409.3	1460.5	28.0	7881.5	2128.0
.1	3435.6	927.6	.1	5454.2	1472.6	.1	7935.6	2142.6
.2	3471.5	937.3	.2	5499.3	1484.8	.2	7990.0	2157.3
.3	3507.5	947.0	.3	5544.5	1497.0	.3	8044.5	2172.0
.4	3543.7	956.8	.4	5590.0	1509.3	.4	8099.3	2186.8
.5	3580.1	966.6	.5	5635.6	1521.6	.5	8154.2	2201.6
.6	3616.7	976.5	.6	5681.5	1534.0	.6	8209.3	2216.5
.7	3653.4	986.4	.7	5727.5	1546.4	.7	8264.5	2231.4
.8	3690.4	996.4	.8	5773.7	1558.9	.8	8320.0	2246.4
.9	3727.5	1006.4	.9	5820.1	1571.4	.9	8375.6	2261.4
19.0	3764.8	1016.5	24.0	5866.7	1584.0	29.0	8431.5	2276.5
.1	3802.3	1026.6	.1	5913.4	1596.6	.1	8487.5	2291.6
.2	3840.0	1036.8	.2	5960.4	1609.3	.2	8543.7	2306.8
.3	3877.9	1047.0	.3	6007.5	1622.0	.3	8600.1	2322.0
.4	3915.9	1057.3	.4	6054.8	1634.8	.4	8656.7	2337.3
.5	3954.2	1067.6	.5	6102.3	1647.6	.5	8713.4	2352.6
.6	3992.6	1078.0	.6	6150.0	1660.5	.6	8770.4	2368.0
.7	4031.2	1088.4	.7	6197.9	1673.4	.7	8827.5	2383.4
.8	4070.0	1098.9	.8	6245.9	1686.4	.8	8884.8	2398.9
.9	4109.0	1109.4	.9	6294.2	1699.4	.9	8942.3	2414.4
20.0	4148.1	1120.0	25.0	6342.6	1712.5	30.0	9000.0	2430.0

TABLE VII Side Slopes 2 : 1 and 3 : 1
Crown 8 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.06	0.83	5.1	391.9	105.8	10.1	1243.8	335.8
.2	6.30	1.70	.2	404.4	109.2	.2	1265.6	341.7
.3	9.7	2.63	.3	417.1	112.6	.3	1287.5	347.6
.4	13.3	3.60	.4	430.0	116.1	.4	1309.6	353.6
.5	17.1	4.63	.5	443.1	119.6	.5	1331.9	359.6
.6	21.1	5.70	.6	456.3	123.2	.6	1354.4	365.7
.7	25.3	6.8	.7	469.7	126.8	.7	1377.1	371.8
.8	29.6	8.0	.8	483.3	130.5	.8	1400.0	378.0
.9	34.2	9.2	.9	497.1	134.2	.9	1423.1	384.2
1.0	38.9	10.5	6.0	511.1	138.0	11.0	1446.3	390.5
.1	43.8	11.8	.1	525.3	141.8	.1	1469.7	396.8
.2	48.9	13.2	.2	539.6	145.7	.2	1493.3	403.2
.3	54.2	14 6	.3	554.2	149.6	.3	1517.1	409.6
.4	59.6	16.1	.4	568.9	153.6	.4	1541.1	416 1
.5	65.3	17.6	.5	583.8	157.6	.5	1565.3	422.6
.6	71.1	19.2	.6	598.9	161.7	.6	1589.6	429.2
.7	77.1	20.8	.7	614.2	165.8	.7	1614.2	435.8
.8	83.3	22.5	.8	629.6	170.0	.8	1638.9	442.5
.9	89.7	24.2	.9	645.3	174.2	.9	1663.8	449.2
2.0	96.3	26.0	7.0	661.1	178.5	12.0	1688.9	456.0
.1	103.1	27.8	.1	677.1	182.8	.1	1714.2	462.8
.2	110.0	29.7	.2	693.3	187.2	.2	1739.6	469.7
.3	117.1	31.6	.3	709.7	191.6	.3	1765.3	476.6
.4	124.4	33.6	.4	726.3	196.1	.4	1791.1	483.6
.5	131.9	35.6	.5	743.1	200.6	.5	1817.1	490.6
.6	139.6	37.7	.6	760.0	205.2	.6	1843.3	497.7
.7	147.5	39.8	.7	777.1	209.8	.7	1869.7	504.8
.8	155.6	42.0	.8	794.4	214.5	.8	1896.3	512.0
.9	163.8	44.2	.9	811.9	219.2	.9	1923.1	519.2
3.0	172.2	46.5	8.0	829.6	224.0	13.0	1950.0	526.5
.1	180.8	48.8	.1	847.5	228.8	.1	1977.1	533.8
.2	189.6	51.2	.2	865.6	233.7	.2	2004.4	541.2
.3	198.6	53.6	.3	883.8	238.6	.3	2031.9	548.6
.4	207.8	56.1	.4	902.2	243.6	.4	2059.6	556.1
.5	217.1	58.6	.5	920.8	248.6	.5	2087.5	563.6
.6	226.7	61.2	.6	939.6	253.7	.6	2115.6	571.2
.7	236.4	63.8	.7	958.6	258.8	.7	2143.8	578.8
.8	246.3	66.5	.8	977.8	264.0	.8	2172.2	586.5
.9	256.4	69.2	.9	997.1	269.2	.9	2200.8	594.2
4.0	266.7	72.0	9.0	1016.7	274.5	14.0	2229.6	602.0
.1	277.1	74.8	.1	1036.4	279.8	.1	2258.6	609.8
.2	287.8	77.7	.2	1056.3	285.2	.2	2287.8	617.7
.3	298.6	80.6	.3	1076.4	290.6	.3	2317.1	625.6
.4	309.6	83.6	.4	1096.7	296.1	.4	2346 7	633.6
.5	320.8	86.6	.5	1117.1	301.6	.5	2376.4	641.6
.6	332.2	89.7	.6	1137.8	307.2	.6	2406.3	649.7
.7	343.8	92.8	.7	1158.6	312.8	.7	2436.4	657.8
.8	355.6	96.0	.8	1179.6	318.5	.8	2466.7	666.0
.9	367.5	99.2	.9	1200.8	324.2	.9	2497.1	674.2
5.0	379.6	102.5	10.0	1222.2	330.0	15.0	2527.8	682.5

TABLE VII Side Slopes 2 : 1 and 3 : 1
Crown 7 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2502.7	675.7	20.1	4261.9	1150.7	25.1	6484.2	1750.7
.2	2533.3	684.0	.2	4301.9	1161.5	.2	6533.3	1764.0
.3	2564.2	692.3	.3	4341.9	1172.3	.3	6582.7	1777.3
.4	2595.2	700.7	.4	4382.2	1183.2	.4	6632.2	1790.7
.5	2626.4	709.1	.5	4422.7	1194.1	.5	6681.9	1804.1
.6	2657.8	717.6	.6	4463.3	1205.1	.6	6731.9	1817.6
.7	2689.4	726.1	.7	4504.2	1216.1	.7	6781.9	1831.1
.8	2721.1	734.7	.8	4545.2	1227.2	.8	6832.2	1844.7
.9	2753.1	743.3	.9	4586.4	1238.3	.9	6882.7	1858.3
16.0	2785.2	752.0	21.0	4627.8	1249.5	26.0	6933.3	1872.0
.1	2817.5	760.7	.1	4669.4	1260.7	.1	6984.2	1885.7
.2	2850.0	769.5	.2	4711.1	1272.0	.2	7035.2	1899.5
.3	2882.7	778.3	.3	4753.1	1283.3	.3	7086.4	1913.3
.4	2915.6	787.2	.4	4795.2	1294.7	.4	7137.8	1927.2
.5	2948.6	796.1	.5	4837.5	1306.1	.5	7189.4	1941.1
.6	2981.9	805.1	.6	4880.0	1317.6	.6	7241.1	1955.1
.7	3015.3	814.1	.7	4922.7	1329.1	.7	7293.1	1969.1
.8	3048.9	823.2	.8	4965.6	1340.7	.8	7345.2	1983.2
.9	3082.7	832.3	.9	5008.6	1352.3	.9	7397.5	1997.3
17.0	3116.7	841.5	22.0	5051.9	1364.0	27.0	7450.0	2011.5
.1	3150.8	850.7	.1	5095.3	1375.7	.1	7502.7	2025.7
.2	3185.2	860.0	.2	5138.9	1387.5	.2	7555.6	2040.0
.3	3219.7	869.3	.3	5182.7	1399.3	.3	7608.6	2054.3
.4	3254.4	878.7	.4	5226.7	1411.2	.4	7661.9	2068.7
.5	3289.4	888.1	.5	5270.8	1423.1	.5	7715.3	2083.1
.6	3324.4	897.6	.6	5315.2	1435.1	.6	7768.9	2097.6
.7	3359.7	907.1	.7	5359.7	1447.1	.7	7822.7	2112.1
.8	3395.2	916.7	.8	5404.4	1459.2	.8	7876.7	2126.7
.9	3430.8	926.3	.9	5449.4	1471.3	.9	7930.8	2141.3
18.0	3466.7	936.0	23.0	5494.4	1483.5	28.0	7985.2	2156.0
.1	3502.7	945.7	.1	5539.7	1495.7	.1	8039.7	2170.7
.2	3538.9	955.5	.2	5585.2	1508.0	.2	8094.4	2185.5
.3	3575.3	965.3	.3	5630.8	1520.3	.3	8149.4	2200.3
.4	3611.9	975.2	.4	5676.7	1532.7	.4	8204.4	2215.2
.5	3648.6	985.1	.5	5722.7	1545.1	.5	8259.7	2230.1
.6	3685.6	995.1	.6	5768.9	1557.6	.6	8315.2	2245.1
.7	3722.7	1005.1	.7	5815.3	1570.1	.7	8370.8	2260.1
.8	3760.0	1015.2	.8	5861.9	1582.7	.8	8426.7	2275.2
.9	3797.5	1025.3	.9	5908.6	1595.3	.9	8482.7	2290.3
19.0	3835.2	1035.5	24.0	5955.6	1608.0	29.0	8538.9	2305.5
.1	3873.1	1045.7	.1	6002.7	1620.7	.1	8595.3	2320.7
.2	3911.1	1056.0	.2	6050.0	1633.5	.2	8651.9	2336.0
.3	3949.4	1066.3	.3	6097.5	1646.3	.3	8708.6	2351.3
.4	3987.8	1076.7	.4	6145.2	1659.2	.4	8765.6	2366.7
.5	4026.4	1087.1	.5	6193.1	1672.1	.5	8822.7	2382.1
.6	4065.2	1097.6	.6	6241.1	1685.1	.6	8880.0	2397.6
.7	4104.2	1108.1	.7	6289.4	1698.1	.7	8937.5	2413.1
.8	4143.3	1118.7	.8	6337.8	1711.2	.8	8995.2	2428.7
.9	4182.7	1129.3	.9	6386.4	1724.3	.9	9053.1	2444.3
20.0	4222.2	1140.0	25.0	6435.2	1737.5	30.0	9111.1	2460.0

TABLE VII Side Slopes 2 : 1 and 3 : 1
Crown 8 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.06	0.83	5.1	391.9	105.8	10.1	1243.8	335.8
.2	6.30	1.70	.2	404.4	109.2	.2	1265.6	341.7
.3	9.7	2.63	.3	417.1	112.6	.3	1287.5	347.6
.4	13.3	3.60	.4	430.0	116.1	.4	1309.6	353.6
.5	17.1	4.63	.5	443.1	119.6	.5	1331.9	359.6
.6	21.1	5.70	.6	456.3	123.2	.6	1354.4	365.7
.7	25.3	6.8	.7	469.7	126.8	.7	1377.1	371.8
.8	29.6	8.0	.8	483.3	130.5	.8	1400.0	378.0
.9	34.2	9.2	.9	497.1	134.2	.9	1423.1	384.2
1.0	38.9	10.5	6.0	511.1	138.0	11.0	1446.3	390.5
.1	43.8	11.8	.1	525.3	141.8	.1	1469.7	396.8
.2	48.9	13.2	.2	539.6	145.7	.2	1493.3	403.2
.3	54.2	14.6	.3	554.2	149.6	.3	1517.1	409.6
.4	59.6	16.1	.4	568.9	153.6	.4	1541.1	416 1
.5	65.3	17.6	.5	583.8	157.6	.5	1565.3	422.6
.6	71.1	19.2	.6	598.9	161.7	.6	1589.6	429.2
.7	77.1	20.8	.7	614.2	165.8	.7	1614.2	435.8
.8	83.3	22.5	.8	629.6	170.0	.8	1638.9	442.5
.9	89.7	24.2	.9	645.3	174.2	.9	1663.8	449.2
2.0	96.3	26.0	7.0	661.1	178.5	12.0	1688.9	456.0
.1	103.1	27.8	.1	677.1	182.8	.1	1714.2	462.8
.2	110.0	29.7	.2	693.3	187.2	.2	1739.6	469.7
.3	117.1	31.6	.3	709.7	191.6	.3	1765.3	476.6
.4	124.4	33.6	.4	726.3	196.1	.4	1791.1	483.6
.5	131.9	35.6	.5	743.1	200.6	.5	1817.1	490.6
.6	139.6	37.7	.6	760.0	205.2	.6	1843.3	497.7
.7	147.5	39.8	.7	777.1	209.8	.7	1869.7	504.8
.8	155.6	42.0	.8	794.4	214.5	.8	1896.3	512.0
.9	163.8	44.2	.9	811.9	219.2	.9	1923.1	519.2
3.0	172.2	46.5	8.0	829.6	224.0	13.0	1950.0	526.5
.1	180.8	48.8	.1	847.5	228.8	.1	1977.1	533.8
.2	189.6	51.2	.2	865.6	233.7	.2	2004.4	541.2
.3	198.6	53.6	.3	883.8	238.6	.3	2031.9	548.6
.4	207.8	56.1	.4	902.2	243.6	.4	2059.6	556.1
.5	217.1	58.6	.5	920.8	248.6	.5	2087.5	563.6
.6	226.7	61.2	.6	939.6	253.7	.6	2115.6	571.2
.7	236.4	63.8	.7	958.6	258.8	.7	2143.8	578.8
.8	246.3	66.5	.8	977.8	264.0	.8	2172.2	586.5
.9	256.4	69.2	.9	997.1	269.2	.9	2200.8	594.2
4.0	266.7	72.0	9.0	1016.7	274.5	14.0	2229.6	602.0
.1	277.1	74.8	.1	1036.4	279.8	.1	2258.6	609.8
.2	287.8	77.7	.2	1056.3	285.2	.2	2287.8	617.7
.3	298.6	80.6	.3	1076.4	290.6	.3	2317.1	625.6
.4	309.6	83.6	.4	1096.7	296.1	.4	2346.7	633.6
.5	320.8	86.6	.5	1117.1	301.6	.5	2376.4	641.6
.6	332.2	89.7	.6	1137.8	307.2	.6	2406.3	649.7
.7	343.8	92.8	.7	1158.6	312.8	.7	2436.4	657.8
.8	355.6	96.0	.8	1179.6	318.5	.8	2466.7	666.0
.9	367.5	99.2	.9	1200.8	324.2	.9	2497.1	674.2
5.0	379.6	102.5	10.0	1222.2	330.0	15.0	2527.8	682.5

TABLE VII Side Slopes 2 : 1 and 3 : 1
Crown 8 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2558.6	690.8	20.1	4336.4	1170.8	25.1	6577.1	1775.8
.2	2589.6	699.2	.2	4376.7	1181.7	.2	6626.7	1789.2
.3	2620.8	707.6	.3	4417.1	1192.6	.3	6676.4	1802.6
.4	2652.2	716.1	.4	4457.8	1203.6	.4	6726.3	1816.1
.5	2683.8	724.6	.5	4498.6	1214.6	.5	6776.4	1829.6
.6	2715.6	733.2	.6	4539.6	1225.7	.6	6826.7	1843.2
.7	2747.5	741.8	.7	4580.8	1236.8	.7	6877.1	1856.8
.8	2779.6	750.5	.8	4622.2	1248.0	.8	6927.8	1870.5
.9	2811.9	759.2	.9	4663.8	1259.2	.9	6978.6	1884.2
16.0	2844.4	768.0	21.0	4705.6	1270.5	26.0	7029.6	1898.0
.1	2877.1	776.8	.1	4747.5	1281.8	.1	7080.8	1911.8
.2	2910.0	785.7	.2	4789.6	1293.2	.2	7132.2	1925.7
.3	2943.1	794.6	.3	4831.9	1304.6	.3	7183.8	1939.6
.4	2976.3	803.6	.4	4874.4	1316.1	.4	7235.6	1953.6
.5	3009.7	812.6	.5	4917.1	1327.6	.5	7287.5	1967.6
.6	3043.3	821.7	.6	4960.0	1339.2	.6	7339.6	1981.7
.7	3077.1	830.8	.7	5003.1	1350.8	.7	7391.9	1995.8
.8	3111.1	840.0	.8	5046.3	1362.5	.8	7444.4	2010.0
.9	3145.3	849.2	.9	5089.7	1374.2	.9	7497.1	2024.2
17.0	3179.6	858.5	22.0	5133.3	1386.0	27.0	7550.0	2038.5
.1	3214.2	867.8	.1	5177.1	1397.8	.1	7603.1	2052.8
.2	3248.9	877.2	.2	5221.1	1409.7	.2	7656.3	2067.2
.3	3283.8	886.6	.3	5265.3	1421.6	.3	7709.7	2081.6
.4	3318.9	896.1	.4	5309.6	1433.6	.4	7763.3	2096.1
.5	3354.2	905.6	.5	5354.2	1445.6	.5	7817.1	2110.6
.6	3389.6	915.2	.6	5398.9	1457.7	.6	7871.1	2125.2
.7	3425.3	924.8	.7	5443.8	1469.8	.7	7925.3	2139.8
.8	3461.1	934.5	.8	5488.9	1482.0	.8	7979.6	2154.5
.9	3497.1	944.2	.9	5534 2	1494.2	.9	8034.2	2169.2
18.0	3533.3	954.0	23.0	5579.6	1506.5	28.0	8088.9	2184.0
.1	3569.7	963 8	.1	5625.3	1518.8	.1	8143.8	2198.8
.2	3606.3	973.7	.2	5671.1	1531.2	.2	8198.9	2213.7
.3	3643.1	983.6	.3	5717.1	1543.6	.3	8254.2	2228.6
.4	3680.0	993.6	.4	5763.3	1556.1	.4	8309.6	2243.6
.5	3717.1	1003.6	.5	5809.7	1568.6	.5	8365.3	2258.6
.6	3754.4	1013.7	.6	5856.3	1581.2	.6	8421.1	2273.7
.7	3791.9	1023.8	.7	5903.1	1593.8	.7	8477.1	2288.8
.8	3829.6	1034.0	.8	5950.0	1606.5	.8	8533.3	2304.0
.9	3867.5	1044.2	.9	5997.1	1619.2	.9	8589.7	2319.2
19.0	3905.6	1054.5	24.0	6044.4	1632.0	29.0	8646.3	2334.5
.1	3943.8	1064.8	.1	6091.9	1644.8	.1	8703.1	2349.8
.2	3982.2	1075.2	.2	6139.6	1657.7	.2	8760.0	2365.2
.3	4020.8	1085.6	.3	6187.5	1670.6	.3	8817.1	2380.6
.4	4059.6	1096.1	.4	6235.6	1683.6	.4	8874.4	2396.1
.5	4098.6	1106.6	.5	6283.8	1696.6	.5	8931.9	2411.6
.6	4137.8	1117.2	.6	6332.2	1709.7	.6	8989.6	2427.2
.7	4177.1	1127.8	.7	6380.8	1722.8	.7	9047.5	2442.8
.8	4216.7	1138.5	.8	6429.6	1736.0	.8	9105.6	2458.5
.9	4256.4	1149.2	.9	6478.6	1749.2	.9	9163.8	2474.2
20.0	4296.3	1160.0	25.0	6527.8	1762.5	30.0	9222.2	2490.0

TABLE VII Side Slopes 2 : 1 and 3 : 1
Crown 9 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.43	0.93	5.1	410.8	110.9	10.1	1281.2	345.9
.2	7.04	1.90	.2	423.7	114.4	.2	1303.3	351.9
.3	10.8	2.93	.3	436.8	117.9	.3	1325.6	357.9
.4	14.8	4.00	.4	450.0	121.5	.4	1348.1	364.0
.5	19.0	5.13	.5	463.4	125.1	.5	1370.8	370.1
.6	23.3	6.3	.6	477.0	128.8	.6	1393.7	376.3
.7	27.9	7.5	.7	490.8	132.5	.7	1416.8	382.5
.8	32.6	8.8	.8	504.8	136.3	.8	1440.0	388.8
.9	37.5	10.1	.9	519.0	140.1	.9	1463.4	395.1
1.0	42.6	11.5	6.0	533.3	144.0	11.0	1487.0	401.5
.1	47.9	12.9	.1	547.9	147.9	.1	1510.8	407.9
.2	53.3	14.4	.2	562.6	151.9	.2	1534.8	414 4
.3	59.0	15.9	.3	577.5	155.9	.3	1559.0	420.9
.4	64.8	17.5	.4	592.6	160.0	.4	1583.3	427.5
.5	70.8	19.1	.5	607.9	164.1	.5	1607.9	434.1
.6	77.0	20.8	.6	623.3	168.3	.6	1632.6	440.8
.7	83.4	22.5	.7	639.0	172.5	.7	1657.5	447.5
.8	90.0	24.3	.8	654.8	176.8	.8	1682.6	454.3
.9	96.8	26.1	.9	670.8	181.1	.9	1707.9	461.1
2.0	103.7	28.0	7.0	687.0	185.5	12.0	1733.3	468.0
.1	110.8	29.9	.1	703.4	189.9	.1	1759.0	474.9
.2	118.1	31.9	.2	720.0	194.4	.2	1784.8	481.9
.3	125.6	33.9	.3	736.8	198.9	.3	1810.8	488.9
.4	133.3	36.0	.4	753.7	203.5	.4	1837.0	496.0
.5	141.2	38.1	.5	770.8	208.1	.5	1863.4	503.1
.6	149.3	40.3	.6	788.1	212.8	.6	1890.0	510.3
.7	157.5	42.5	.7	805.6	217.5	.7	1916.8	517.5
.8	165.9	44.8	.8	823.3	222.3	.8	1943.7	524.8
.9	174.5	47.1	.9	841.2	227.1	.9	1970.8	532.1
3.0	183.3	49.5	8.0	859.3	232.0	13.0	1998.1	539.5
.1	192.3	51.9	.1	877.5	236.9	.1	2025.6	546.9
.2	201.5	54.4	.2	895.9	241.9	.2	2053.3	554.4
.3	210.8	56.9	.3	914.5	246.9	.3	2081.2	561.9
.4	220.4	59.5	.4	933.3	252.0	.4	2109.3	569.5
.5	230.1	62.1	.5	952.3	257.1	.5	2137.5	577.1
.6	240 0	64.8	.6	971.5	262.3	.6	2165.9	584.8
.7	250.1	67.5	.7	990.8	267.5	.7	2194.5	592.5
.8	260.4	70.3	.8	1010.4	272.8	.8	2223.3	600.3
.9	270.8	73.1	.9	1030.1	278.1	.9	2252.3	608.1
4.0	281.5	76.0	9.0	1050.0	283.5	14.0	2281.5	616.0
.1	292.3	78.9	.1	1070.1	288.9	.1	2310.8	623.9
.2	303.3	81.9	.2	1090.4	294.4	.2	2340.4	631.9
.3	314.5	84.9	.3	1110.8	299.9	.3	2370.1	639.9
.4	325.9	88.0	.4	1131.5	305.5	.4	2400.0	648.0
.5	337.5	91.1	.5	1152.3	311.1	.5	2430.1	656.1
.6	349.3	94.3	.6	1173.3	316.8	.6	2460.4	664.3
.7	361.2	97.5	.7	1194.5	322.5	.7	2490.8	672.5
.8	373.3	100.8	.8	1215.9	328.3	.8	2521.5	680.8
.9	385.6	104.1	.9	1237.5	334.1	.9	2552.3	689.1
5.0	398.1	107.5	10.0	1259.3	340.0	15.0	2583.3	697.5

TABLE VII Side Slopes 2 : 1 and 3 : 1
Crown 9 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2614.5	705.9	20.1	4410.8	1190.9	25.1	6670.1	1800.9
.2	2645.9	714.4	.2	4451.5	1201.9	.2	6720.0	1814.4
.3	2677.5	722.9	.3	4492.3	1212.9	.3	6770.1	1827.9
.4	2709.3	731.5	.4	4533.3	1224.0	.4	6820.4	1841.5
.5	2741.2	740.1	.5	4574.5	1235.1	.5	6870.8	1855.1
.6	2773.3	748.8	.6	4615.9	1246.3	.6	6921.5	1868.8
.7	2805.6	757.5	.7	4657.5	1257.5	.7	6972.3	1882.5
.8	2838.1	766.3	.8	4699.3	1268.8	.8	7023.3	1896.3
.9	2870.8	775.1	.9	4741.2	1280.1	.9	7074.5	1910.1
16.0	2903.7	784.0	21.0	4783.3	1291.5	26.0	7125.9	1924.0
.1	2936.8	792.9	.1	4825.6	1302.9	.1	7177.5	1937.9
.2	2970.0	801.9	.2	4868.1	1314.4	.2	7229.3	1951.9
.3	3003.4	810.9	.3	4910.8	1325.9	.3	7281.2	1965.9
.4	3037.0	820.0	.4	4953.7	1337.5	.4	7333.3	1980.0
.5	3070.8	829.1	.5	4996.8	1349.1	.5	7385.6	1994.1
.6	3104.8	838.3	.6	5040.0	1360.8	.6	7438.1	2008.3
.7	3139.0	847.5	.7	5083.4	1372.5	.7	7490.8	2022.5
.8	3173.3	856.8	.8	5127.0	1384.3	.8	7543.7	2036.8
.9	3207.9	866.1	.9	5170.8	1396.1	.9	7596.8	2051.1
17.0	3242.6	875.5	22.0	5214.8	1408.0	27.0	7650.0	2065.5
.1	3277.5	884.9	.1	5259.0	1419.9	.1	7703.4	2079.9
.2	3312.6	894.4	.2	5303.3	1431.9	.2	7757.0	2094.4
.3	3347.9	903.9	.3	5347.9	1443.9	.3	7810.8	2108.9
.4	3383.3	913.5	.4	5392.6	1456.0	.4	7864.8	2123.5
.5	3419.0	923.1	.5	5437.5	1468.1	.5	7919.0	2138.1
.6	3454.8	932.8	.6	5482.6	1480.3	.6	7973.3	2152.8
.7	3490.8	942.5	.7	5527.9	1492.5	.7	8027.9	2167.5
.8	3527.0	952.3	.8	5573.3	1504.8	.8	8082.6	2182.3
.9	3563.4	962.1	.9	5619.0	1517.1	.9	8137.5	2197.1
18.0	3600.0	972.0	23.0	5664.8	1529.5	28.0	8192.6	2212.0
.1	3636.8	981.9	.1	5710.8	1541.9	.1	8247.9	2226.9
.2	3673.7	991.9	.2	5757.0	1554.4	.2	8303.3	2241.9
.3	3710.8	1001.9	.3	5803.4	1566.9	.3	8359.0	2256.9
.4	3748.1	1012.0	.4	5850.0	1579.5	.4	8414.8	2272.0
.5	3785.6	1022.1	.5	5896.8	1592.1	.5	8470.8	2287.1
.6	3823.3	1032.3	.6	5943.7	1604.8	.6	8527.0	2302.3
.7	3861.2	1042.5	.7	5990.8	1617.5	.7	8583.4	2317.5
.8	3899.3	1052.8	.8	6038.1	1630.3	.8	8640.0	2332.8
.9	3937.5	1063.1	.9	6085.6	1643.1	.9	8696.8	2348.1
19.0	3975.9	1073.5	24.0	6133.3	1656.0	29.0	8753.7	2363.5
.1	4014.5	1083.9	.1	6181.2	1668.9	.1	8810.8	2378.9
.2	4053.3	1094.4	.2	6229.3	1681.9	.2	8868.1	2394.4
.3	4092.3	1104.9	.3	6277.5	1694.9	.3	8925.6	2409.9
.4	4131.5	1115.5	.4	6325.9	1708.0	.4	8983.3	2425.5
.5	4170.8	1126.1	.5	6374.5	1721.1	.5	9041.2	2441.1
.6	4210.4	1136.8	.6	6423.3	1734.3	.6	9099.3	2456.8
.7	4250.1	1147.5	.7	6472.3	1747.5	.7	9157.5	2472.5
.8	4290.0	1158.3	.8	6521.5	1760.8	.8	9215.9	2488.3
.9	4330.1	1169.1	.9	6570.8	1774.1	.9	9274.5	2504.1
20.0	4370.4	1180.0	25.0	6620.4	1787.5	30.0	9333.3	2520.0

TABLE VII Side Slopes 2 : 1 and 3 : 1
Crown 10 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
0.1	3.80	1.03	5.1	429.7	116.0	10.1	1318.6	356.0
.2	7.78	2.10	.2	443.0	119.6	.2	1341.1	362.1
.3	11.9	3.23	.3	456.4	123.2	.3	1363.8	368.2
.4	16.3	4.40	.4	470.0	126.9	.4	1386.7	374.4
.5	20.8	5.63	.5	483.8	130.6	.5	1409.7	380 6
.6	25.6	6.9	.6	497.8	134.4	.6	1433.0	386.9
.7	30.5	8.2	.7	511.9	138.2	.7	1456.4	393.2
.8	35.6	9.6	.8	526.3	142.1	.8	1480.0	399.6
.9	40.8	11.0	.9	540.8	146.0	.9	1503.8	406.0
1.0	46.3	12.5	6.0	555.6	150.0	11.0	1527.8	412.5
.1	51.9	14.0	.1	570.5	154.0	.1	1551.9	419.0
.2	57.8	15.6	.2	585.6	158.1	.2	1576.3	425.6
.3	63.8	17.2	.3	600.8	162.2	.3	1600.8	432.2
.4	70.0	18.9	.4	616.3	166.4	.4	1625.6	438.9
.5	76.4	20.6	.5	631.9	170.6	.5	1650.5	445.6
.6	83.0	22.4	.6	647.8	174.9	.6	1675.6	452.4
.7	89.7	24.2	.7	663.8	179.2	.7	1700.8	459.2
.8	96.7	26.1	.8	680.0	183.6	.8	1726.3	466.1
.9	103.8	28.0	.9	696.4	188.0	.9	1751.9	473.0
2.0	111.1	30.0	7.0	713.0	192.5	12.0	1777.8	480.0
.1	118.6	32.0	.1	729.7	197.0	.1	1803.8	487.0
.2	126.3	34.1	.2	746.7	201.6	.2	1830.0	494.1
.3	134.2	36.2	.3	763.8	206.2	.3	1856.4	501.2
.4	142.2	38.4	.4	781.1	210.9	.4	1883.0	508.4
.5	150.5	40.6	.5	798.6	215.6	.5	1909.7	515.6
.6	158.9	42.9	.6	816.3	220.4	.6	1936.7	522.9
.7	167.5	45.2	.7	834.2	225.2	.7	1963.8	530.2
.8	176.3	47.6	.8	852.2	230.1	.8	1991.1	537.6
.9	185.3	50.0	.9	870.5	235.0	.9	2018.6	545.0
3.0	194.4	52.5	8.0	888.9	240.0	13.0	2046.3	552.5
.1	203.8	55.0	.1	907.5	245.0	.1	2074.2	560.0
.2	213.3	57.6	.2	926.3	250.1	.2	2102.2	567.6
.3	223.1	60.2	.3	945.3	255.2	.3	2130.5	575.2
.4	233.0	62.9	.4	964.4	260.4	.4	2158.9	582.9
.5	243.1	65.6	.5	983.8	265.6	.5	2187.5	590.6
.6	253.3	68.4	.6	1003.3	270.9	.6	2216.3	598.4
.7	263.8	71.2	.7	1023.1	276.2	.7	2245.3	606.2
.8	274.4	74.1	.8	1043.0	281.6	.8	2274.4	614.1
.9	285.3	77.0	.9	1063.1	287.0	.9	2303.8	622.0
4.0	296.3	80.0	9.0	1083.3	292.5	14.0	2333.3	630.0
.1	307.5	83.0	.1	1103.8	298.0	.1	2363.1	638.0
.2	318.9	86.1	.2	1124.4	303.6	.2	2393.0	646.1
.3	330.5	89.2	.3	1145.3	309.2	.3	2423.1	654.2
.4	342.2	92.4	.4	1166.3	314.9	.4	2453.3	662.4
.5	354.2	95.6	.5	1187.5	320.6	.5	2483.8	670.6
.6	366.3	98.9	.6	1208.9	326.4	.6	2514.4	678.9
.7	378.6	102.2	.7	1230.5	332.2	.7	2545.3	687.2
.8	391.1	105.6	.8	1252.2	338.1	.8	2576.3	695.6
.9	403.8	109.0	.9	1274.2	344.0	.9	2607.5	704.0
5.0	416.7	112.5	10.0	1296.3	350.0	15.0	2638.9	712.5

TABLE VII Side Slopes 2 : 1 and 3 : 1
Crown 10 Feet

Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section	Vertical Height in feet	Cubic Yds. Per 100 feet	Sq. Ft. in Cross Section
15.1	2670.5	721.0	20.1	4485.3	1211.0	25.1	6763.1	1826.0
.2	2702.2	729.6	.2	4526.3	1222.1	.2	6813.3	1839.6
.3	2734.2	738.2	.3	4567.5	1233.2	.3	6863.8	1853.2
.4	2766.3	746.9	.4	4608.9	1244.4	.4	6914.4	1866.9
.5	2798.6	755.6	.5	4650.5	1255.6	.5	6965.3	1880.6
.6	2831.1	764.4	.6	4692.2	1266.9	.6	7016.3	1894.4
.7	2863.8	773.2	.7	4734.2	1278.2	.7	7067.5	1908.2
.8	2896.7	782.1	.8	4776.3	1289.6	.8	7118.9	1922.1
.9	2929.7	791.0	.9	4818.6	1301.0	.9	7170.5	1936.0
16.0	2963.0	800.0	21.0	4861.1	1312.5	26.0	7222.2	1950.0
.1	2996.4	809.0	.1	4903.8	1324.0	.1	7274.2	1964.0
.2	3030.0	818.1	.2	4916.7	1335.6	.2	7326.3	1978.1
.3	3063.8	827.2	.3	4989.7	1347.2	.3	7378.6	1992.2
.4	3097.8	836.4	.4	5033.0	1358.9	.4	7431.1	2006.4
.5	3131.9	845.6	.5	5076.4	1370.6	.5	7483.8	2020.6
.6	3166.3	854.9	.6	5120.0	1382.4	.6	7536.7	2034.9
.7	3200.8	864.2	.7	5163.8	1394.2	.7	7589.7	2049.2
.8	3235.6	873.6	.8	5207.8	1406.1	.8	7643.0	2063.6
.9	3270.5	883.0	.9	5251.9	1418.0	.9	7696.4	2078.0
17.0	3305.6	892.5	22.0	5296.3	1430.0	27.0	7750.0	2092.5
.1	3340.8	902.0	.1	5340.8	1442.0	.1	7803.8	2107.0
.2	3376.3	911.6	.2	5385.6	1454.1	.2	7857.8	2121.6
.3	3411.9	921.2	.3	5430.5	1466.2	.3	7911.9	2136 2
.4	3447.8	930.9	.4	5475.6	1478.4	.4	7966.3	2150.9
.5	3483.8	940.6	.5	5520.8	1490.6	.5	8020.8	2165.6
.6	3520.0	950.4	.6	5566.3	1502.9	.6	8075.6	2180.4
.7	3556.4	960.2	.7	5611.9	1515.2	.7	8130.5	2195.2
.8	3593.0	970.1	.8	5657.8	1527.6	.8	8185.6	2210.1
.9	3629.7	980.0	.9	5703.8	1540.0	.9	8240.8	2225.0
18.0	3666.7	990.0	23.0	5750.0	1552.5	28.0	8296.3	2240.0
.1	3703.8	1000.0	.1	5796.4	1565.0	.1	8351.9	2255.0
.2	3741.1	1010.1	.2	5843.0	1577.6	.2	8407.8	2270.1
.3	3778.6	1020.2	.3	5889.7	1590.2	.3	8463.8	2285.2
.4	3816.3	1030.4	.4	5936.7	1602.9	.4	8520.0	2300.4
.5	3854.2	1010.6	.5	5983.8	1615.6	.5	8576.4	2315.6
.6	3892.2	1050.9	.6	6031.1	1628.4	.6	8633.0	2330.9
.7	3930.5	1061.2	.7	6078.6	1641.2	.7	8689.7	2346.2
.8	3968.9	1071.6	.8	6126.3	1654.1	.8	8746.7	2361.6
.9	4007.5	1082.0	.9	6174.2	1667.0	.9	8803.8	2377.0
19.0	4046.3	1092.5	24.0	6222.2	1680.0	29.0	8861.1	2392.5
.1	4085.3	1103.0	.1	6270.5	1693.0	.1	8918.6	2408.0
.2	4124.4	1113.6	.2	6318.9	1706.1	.2	8976.3	2423.6
.3	4163.8	1124.2	.3	6367.5	1719.2	.3	9034.2	2439.2
.4	4203.3	1134.9	.4	6416.3	1732.4	.4	9092.2	2454.9
.5	4243.1	1145.6	.5	6465.3	1745.6	.5	9150.5	2470.6
.6	4283.0	1156.4	.6	6514.4	1758.9	.6	9208.9	2486.4
.7	4323.1	1167.2	.7	6563.8	1772.2	.7	9267.5	2502.2
.8	4363.3	1178.1	.8	6613.3	1785.6	.8	9326.3	2518.1
.9	4403.8	1189.0	.9	6663.1	1799.0	.9	9385.3	2534.0
20.0	4444.4	1200.0	25.0	6713.0	1812.5	30.0	9444.4	2550.0

SECTION II

CUBIC CONTENTS OF COMPONENT PARTS OF LEVEE EMBANKMENTS

TABLES VIII TO XIV

Component Parts, triangular in cross section, having side slopes

1 to 1 — 1½ to 1 — 2 to 1 — 3 to 1

1½ to 1 and 2 to 1 — 1½ to 1 and 3 to 1 — 2 to 1 and 3 to 1

Component Parts, rectangular in cross section, sides vertical, crown one foot wide

Vertical Heights 0.1 Foot to 60.0 Feet

TABLE VIII Side Slopes of Triangular Part 1 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
0.1	0.04	0.370	0.01	5.1	96.33	18.889	26.01
.2	0.15	0.741	0.04	.2	100.15	19.259	27.04
.3	0.33	1.111	0.09	.3	104.04	19.630	28.09
.4	0.59	1.481	0.16	.4	108.00	20.000	29.16
.5	0.93	1.852	0.25	.5	112.04	20.370	30.25
.6	1.33	2.222	0.36	.6	116.15	20.741	31.36
.7	1.81	2.593	0.49	.7	120.33	21.111	32.49
.8	2.37	2.963	0.64	.8	124.59	21.481	33.64
.9	3.00	3.333	0.81	.9	128.93	21.852	34.81
1.0	3.70	3.704	1.00	6.0	133.33	22.222	36.00
.1	4.48	4.074	1.21	.1	137.81	22.593	37.21
.2	5.33	4.444	1.44	.2	142.37	22.963	38.44
.3	6.26	4.815	1.69	.3	147.00	23.333	39.69
.4	7.26	5.185	1.96	.4	151.70	23.704	40.96
.5	8.33	5.556	2.25	5	156.48	24.074	42.25
.6	9.48	5.926	2.56	.6	161.33	24.444	43.56
7	10.70	6.296	2.89	7	166.26	24.815	44.89
.8	12.00	6.667	3.24	.8	171.26	25.185	46.24
.9	13.37	7.037	3.61	.9	176.33	25.556	47.61
2.0	14.81	7.407	4.00	7.0	181.48	25.926	49.00
.1	16.33	7.778	4.41	.1	186.70	26.296	50.41
.2	17.93	8.148	4.84	.2	192.00	26.667	51.84
.3	19.59	8.519	5.29	.3	197.37	27.037	53.29
.4	21.33	8.889	5.76	.4	202.81	27.407	54.76
.5	23.15	9.259	6.25	.5	208.33	27.778	56.25
.6	25.04	9.630	6.76	.6	213.93	28.148	57.76
.7	27.00	10.000	7.29	.7	219.59	28.519	59.29
.8	29.04	10.370	7.84	.8	225.33	28.889	60.84
.9	31.15	10.741	8.41	.9	231.15	29.259	62.41
3.0	33.33	11.111	9.00	8.0	237.04	29.630	64.00
.1	35.59	11.481	9.61	.1	243.00	30.000	65.61
.2	37.93	11.852	10.24	.2	249.04	30.370	67.24
.3	40.33	12.222	10.89	.3	255.15	30.741	68.89
.4	42.81	12.593	11.56	.4	261.33	31.111	70.56
.5	45.37	12.963	12.25	5	267.59	31.481	72.25
.6	48.00	13.333	12.96	.6	273.93	31.852	73.96
.7	50.70	13.704	13.69	.7	280.33	32.222	75.69
.8	53.48	14.074	14.44	.8	286.81	32.593	77.44
.9	56.33	14.444	15.21	.9	293.37	32.963	79.21
4.0	59.26	14.815	16.00	9.0	300.00	33.333	81.00
.1	62.26	15.185	16.81	.1	306.70	33.704	82.81
.2	65.33	15.556	17.64	.2	313.48	34.074	84.64
.3	68.48	15.926	18.49	.3	320.33	34.444	86.49
.4	71.70	16.296	19.36	.4	327.26	34.815	88.36
.5	75.00	16.667	20.25	.5	334.26	35.185	90.25
.6	78.37	17.037	21.16	.6	341.33	35.556	92.16
.7	81.81	17.407	22.09	.7	348.48	35.926	94.09
.8	85.33	17.778	23.04	.8	355.70	36.296	96.04
.9	88.93	18.148	24.01	.9	363.00	36.667	98.01
5.0	92.59	18.519	25.00	10.0	370.37	37.037	100.00

TABLE VIII Side Slopes of Triangular Part 1 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
10.1	377.81	37.407	102.01	15.1	844.48	55.926	228.01
.2	385.33	37.778	104.04	.2	855.70	56.296	231.04
.3	392.93	38.148	106.09	.3	867.00	56.667	234.09
.4	400.59	38.519	108.16	.4	878.37	57.037	237.16
.5	408.33	38.889	110.25	.5	889.81	57.407	240.25
.6	416.15	39.259	112.36	.6	901.33	57.778	243.36
.7	424.04	39.630	114.49	.7	912.93	58.148	246.49
.8	432.00	40.000	116.64	.8	924.59	58.519	249.64
.9	440.04	40.370	118.81	.9	936.33	58.889	252.81
11.0	448.15	40.741	121.00	16.0	948.15	59.259	256.00
.1	456.33	41.111	123.21	.1	960.04	59.630	259.21
.2	464.59	41.481	125.44	.2	972.00	60.000	262.44
.3	472.93	41.852	127.69	.3	984.04	60.370	265.69
.4	481.33	42.222	129.96	.4	996.15	60.741	268.96
.5	489.81	42.593	132.25	.5	1008.33	61.111	272.25
.6	498.37	42.963	134.56	.6	1020.59	61.481	275.56
.7	507.00	43.333	136.89	.7	1032.93	61.852	278.89
.8	515.70	43.704	139.24	.8	1045.33	62.222	282.24
.9	524.48	44.074	141.61	.9	1057.81	62.593	285.61
12.0	533.33	44.444	144.00	17.0	1070.37	62.963	289.00
.1	542.26	44.815	146.41	.1	1083.00	63.333	292.41
.2	551.26	45.185	148.84	.2	1095.70	63.704	295.84
.3	560.33	45.556	151.29	.3	1108.48	64.074	299.29
.4	569.48	45.926	153.76	.4	1121.33	64.444	302.76
.5	578.70	46.296	156.25	.5	1134.26	64.815	306.25
.6	588.00	46.667	158.76	.6	1147.26	65.185	309.76
.7	597.37	47.037	161.29	.7	1160.33	65.556	313.29
.8	606.81	47.407	163 84	.8	1173.48	65.926	316.84
.9	616.33	47.778	166.41	.9	1186.70	66.296	320.41
13.0	625.93	48.148	169.00	18.0	1200.00	66.667	324.00
.1	635.59	48.519	171.61	.1	1213.37	67.037	327.61
.2	645.33	48.889	174.24	.2	1226.81	67.407	331.24
.3	655.15	49.259	176.89	.3	1240.33	67.778	334.89
.4	665.04	49.630	179.56	.4	1253.93	68.148	338.56
.5	675.00	50.000	182.25	.5	1267.59	68.519	342.25
.6	685.04	50.370	184.96	.6	1281.33	68.889	345.96
.7	695.15	50.741	187.69	.7	1295.15	69.259	349.69
.8	705.33	51.111	190.44	.8	1309.04	69.630	353.44
.9	715.59	51.481	193.21	.9	1323.00	70.000	357.21
14.0	725.93	51.852	196.00	19.0	1337.04	70,370	361.00
.1	736.33	52.222	198.81	.1	1351.15	70.741	364.81
.2	746.81	52.593	201.64	.2	1365.33	71.111	368.64
.3	757.37	52.963	204.49	.3	1379.59	71.481	372.49
.4	768.00	53.333	207.36	.4	1393.93	71.852	376.36
.5	778.70	53.704	210.25	.5	1408.33	72.222	380.25
.6	789.48	54.074	213.16	.6	1422.81	72.593	384.16
.7	800.33	54.444	216.09	.7	1437.37	72.963	388.09
.8	811.26	54.815	219.04	.8	1452.00	73.333	392.04
.9	822.26	55.185	222.01	.9	1466.70	73.704	396.01
15.0	833.33	55.556	225.00	20.0	1181.48	74.074	400.00

			816.11
			816.74
			816.36
			816.16
			816.25
			816.56
			816.44
			816.64
			816.49
			816.09
			816.21
			816.44
			816.64
			816.36
			816.25
			816.56
			816.49
			816.24
			816.61
			816.09
			816.11
			816.84
			816.49
			816.76
			816.25
			816.76
			816.25
			816.84
			816.41
			816.00
			816.61
			816.24
			816.89
			816.56
			816.25
		107 426	817.96
		108 296	823.69
		108 667	829.44
		107 737	835.21
		107 407	841.00
		107 778	846.81
		108 148	852.64
		108 519	858.49
		108 889	864.36
		109 259	870.25
		109.630	876.16
		110.000	882.09
		110.370	888.04
		110.741	894.01
		111.111	900.00

TABLE VIII Side Slopes of Triangular Part 1 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
30.1	3355.59	111.481	906.01	35.1	4563.00	130.000	1232.01
.2	3377.93	111.852	912.04	.2	4589.04	130.370	1239.04
.3	3400.33	112.222	918.09	.3	4615.15	130.741	1246.09
.4	3422.81	112.593	924.16	.4	4641.33	131.111	1253.16
.5	3445.37	112.963	930.25	.5	4667.59	131.481	1260.25
.6	3468.00	113.333	936.36	.6	4693.93	131.852	1267.36
.7	3490.70	113.704	942.49	.7	4720.33	132.222	1274.49
.8	3513.48	114.074	948.64	.8	4746.81	132.593	1281.64
.9	3536.33	114.444	954.81	.9	4773.37	132.963	1288.81
31.0	3559.26	114.815	961.00	36.0	4800.00	133.333	1296.00
.1	3582.26	115.185	967.21	.1	4826.70	133.704	1303.21
.2	3605.33	115.556	973.44	.2	4853.48	134.074	1310.44
.3	3628.48	115.926	979.69	.3	4880.33	134.444	1317.69
.4	3651.70	116.296	985.96	.4	4907.26	134.815	1324.96
.5	3675.00	116.667	992.25	.5	4934.26	135.185	1332.25
.6	3698.37	117.037	998.56	.6	4961.33	135.556	1339.56
.7	3721.81	117.407	1004.89	.7	4988.48	135.926	1346.89
.8	3745.33	117.778	1011.24	.8	5015.70	136.296	1354.24
.9	3768.93	118.148	1017.61	.9	5043.00	136.667	1361.61
32.0	3792.59	118.519	1024.00	37.0	5070.37	137.037	1369.00
.1	3816.33	118.889	1030.41	.1	5097.81	137.407	1376.41
.2	3840.15	119.259	1036.84	.2	5125.33	137.778	1383.84
.3	3864.04	119.630	1043.29	.3	5152.93	138.148	1391.29
.4	3888.00	120.000	1049.76	.4	5180.59	138.519	1398.76
.5	3912.04	120.370	1056.25	.5	5208.33	138.889	1406.25
.6	3936.15	120.741	1062.76	.6	5236.15	139.259	1413.76
.7	3960.33	121.111	1069.29	.7	5264.04	139.630	1421.29
.8	3984.59	121.481	1075.84	.8	5292.00	140.000	1428.84
.9	4008.93	121.852	1082.41	.9	5320.04	140.370	1436.41
33.0	4033.33	122.222	1089.00	38.0	5348.15	140.741	1444.00
.1	4057.81	122.593	1095.61	.1	5376.33	141.111	1451.61
.2	4082.37	122.963	1102.24	.2	5404.59	141.481	1459.24
.3	4107.00	123.333	1108.89	.3	5432.93	141.852	1466.89
.4	4131.70	123.704	1115.56	.4	5461.33	142.222	1474.56
.5	4156.48	124.074	1122.25	.5	5489.81	142.593	1482.25
.6	4181.33	124.444	1128.96	.6	5518.37	142.963	1489.96
.7	4206.26	124.815	1135.69	.7	5547.00	143.333	1497.69
.8	4231.26	125.185	1142.44	.8	5575.70	143.704	1505.44
.9	4256.33	125.556	1149.21	.9	5604.48	144.074	1513.21
34.0	4281.48	125.926	1156.00	39.0	5633.33	144.444	1521.00
.1	4306.70	126.296	1162.81	.1	5662.26	144.815	1528.81
.2	4332.00	126.667	1169.64	.2	5691.26	145.185	1536.64
.3	4357.37	127.037	1176.49	.3	5720.33	145.556	1544.49
.4	4382.81	127.407	1183.36	.4	5749.48	145.926	1552.36
.5	4408.33	127.778	1190.25	.5	5778.70	146.296	1560.25
.6	4433.93	128.148	1197.16	.6	5808.00	146.667	1568.16
.7	4459.59	128.519	1204.09	.7	5837.37	147.037	1576.09
.8	4485.33	128.889	1211.04	.8	5866.81	147.407	1584.04
.9	4511.15	129.259	1218.01	.9	5896.33	147.778	1592.01
35.0	4537.04	129.630	1225.00	40.0	5925.93	148.148	1600.00

TABLE VIII Side Slopes of Triangular Part 1 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
40.1	5955.59	148.519	1608.01	45.1	7533.37	167.037	2034.01
.2	5985.33	148.889	1616.04	.2	7566.81	167.407	2043.04
.3	6015.15	149.259	1624.09	.3	7600.33	167.778	2052.09
.4	6045.04	149.630	1632.16	.4	7633.93	168.148	2061.16
.5	6075.00	150.000	1640.25	.5	7667.59	168.519	2070.25
.6	6105.04	150.370	1648.36	.6	7701.33	168.889	2079.36
.7	6135.15	150.741	1656.49	.7	7735.15	169.259	2088.49
.8	6165.33	151.111	1664.64	.8	7769.04	169.630	2097.64
.9	6195.59	151.481	1672.81	.9	7803.00	170.000	2106.81
41.0	6225.93	151.852	1681.00	46.0	7837.04	170.370	2116.00
.1	6256.33	152.222	1689.21	.1	7871.15	170.741	2125.21
.2	6286.81	152.593	1697.44	.2	7905.33	171.111	2134.44
.3	6317.37	152.963	1705.69	.3	7939.59	171.481	2143.69
.4	6348.00	153.333	1713.96	.4	7973.93	171.852	2152.96
.5	6378.70	153.704	1722.25	.5	8008.33	172.222	2162.25
.6	6409.48	154.074	1730.56	.6	8042.81	172.593	2171.56
.7	6440.33	154.444	1738.89	.7	8077.37	172.963	2180.89
.8	6471.26	154.815	1747.24	.8	8112.00	173.333	2190.24
.9	6502.26	155.185	1755.61	.9	8146.70	173.704	2199.61
42.0	6533.33	155.556	1764.00	47.0	8181.48	174.074	2209.00
.1	6564.48	155.926	1772.41	.1	8216.33	174.444	2218.41
.2	6595.70	156.296	1780.84	.2	8251.26	174.815	2227.84
.3	6627.00	156.667	1789.29	.3	8286.26	175.185	2237.29
.4	6658.37	157.037	1797.76	.4	8321.33	175.556	2246.76
.5	6689.81	157.407	1806.25	.5	8356.48	175.926	2256.25
.6	6721.33	157.778	1814.76	.6	8391.70	176.296	2265.76
.7	6752.93	158.148	1823.29	.7	8427.00	176.667	2275.29
.8	6784.59	158.519	1831.84	.8	8462.37	177.037	2284.84
.9	6816.33	158.889	1840.41	.9	8497.81	177.407	2294.41
43.0	6848.15	159.259	1849.00	48.0	8533.33	177.778	2304.00
.1	6880.04	159.630	1857.61	.1	8568.93	178.148	2313.61
.2	6912.00	160.000	1866.24	.2	8604.59	178.519	2323.24
.3	6944.04	160.370	1874.89	.3	8640.33	178.889	2332.89
.4	6976.15	160.741	1883.56	.4	8676.15	179.259	2342.56
.5	7008.33	161.111	1892.25	.5	8712.04	179.630	2352.25
.6	7040.59	161.481	1900.96	.6	8748.00	180.000	2361.96
.7	7072.93	161.852	1909.69	.7	8784.04	180.370	2371.69
.8	7105.33	162.222	1918.44	.8	8820.15	180.741	2381.44
.9	7137.81	162.593	1927.21	.9	8856.33	181.111	2391.21
44.0	7170.37	162.963	1936.00	49.0	8892.59	181.481	2401.00
.1	7203.00	163.333	1944.81	.1	8928.93	181.852	2410.81
.2	7235.70	163.704	1953.64	.2	8965.33	182.222	2420.64
.3	7268.48	164.074	1962.49	.3	9001.81	182.593	2430.49
.4	7301.33	164.444	1971.36	.4	9038.37	182.963	2440.36
.5	7334.26	164.815	1980.25	.5	9075.00	183.333	2450.25
.6	7367.26	165.185	1989.16	.6	9111.70	183.704	2460.16
.7	7400.33	165.556	1998.09	.7	9148.48	184.074	2470.09
.8	7433.48	165.926	2007.04	.8	9185.33	184.444	2480.04
	8.70	166.296	2016.01	.9	9222.26	184.815	2490.01
	.00	166.667	2025.00	50.0	9259.26	185.185	2500.00

TABLE VIII Side Slopes of Triangular Part 1 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
50.1	9296.33	185.556	2510.01	55.1	11244.48	204.074	3036.01
.2	9333.48	185.926	2520.04	.2	11285.33	204.444	3047.04
.3	9370.70	186.296	2530.09	.3	11326.26	204.815	3058.09
.4	9408.00	186.667	2540.16	.4	11367.26	205.185	3069.16
.5	9445.37	187.037	2550.25	.5	11408.33	205.556	3080.25
.6	9482.81	187.407	2560.36	.6	11449.48	205.926	3091.36
.7	9520.33	187.778	2570.49	.7	11490.70	206.296	3102.49
.8	9557.93	188.148	2580.64	.8	11532.00	206.667	3113.64
.9	9595.59	188.519	2590.81	.9	11573.37	207.037	3124.81
51.0	9633.33	188.889	2601.00	56.0	11614.81	207.407	3136.00
.1	9671.15	189.259	2611.21	.1	11656.33	207.778	3147.21
.2	9709.04	189.630	2621.44	.2	11697.93	208.148	3158.44
.3	9747.00	190.000	2631.69	.3	11739.59	208.519	3169.69
.4	9785.04	190.370	2641.96	.4	11781.33	208.889	3180.96
.5	9823.15	190.741	2652.25	.5	11823.15	209.259	3192.25
.6	9861.33	191.111	2662.56	.6	11865.04	209.630	3203.56
.7	9899.59	191.481	2672.89	.7	11907.00	210.000	3214.89
.8	9937.93	191.852	2683.24	.8	11949.04	210.370	3226.24
.9	9976.33	192.222	2693.61	.9	11991.15	210.741	3237.61
52.0	10014.81	192.593	2704.00	57.0	12033.33	211.111	3249.00
.1	10053.37	192.963	2714.41	.1	12075.59	211.481	3260.41
.2	10092.00	193.333	2724.84	.2	12117.93	211.852	3271.84
.3	10130.70	193.704	2735.29	.3	12160.33	212.222	3283.29
.4	10169.48	194.074	2745.76	.4	12202.81	212.593	3294.76
.5	10208.33	194.444	2756.25	.5	12245.37	212.963	3306.25
.6	10247.26	194.815	2766.76	.6	12288.00	213.333	3317.76
.7	10286.26	195.185	2777.29	.7	12330.70	213.704	3329.29
.8	10325.33	195.556	2787.84	.8	12373.48	214.074	3340.84
.9	10364.48	195.926	2798.41	.9	12416.33	214.444	3352.41
53.0	10403.70	196.296	2809.00	58.0	12459.26	214.815	3364.00
.1	10443.00	196.667	2819.61	.1	12502.26	215.185	3375.61
.2	10482.37	197.037	2830.24	.2	12545.33	215.556	3387.24
.3	10521.81	197.407	2840.89	.3	12588.48	215.926	3398.89
.4	10561.33	197.778	2851.56	.4	12631.70	216.296	3410.56
.5	10600.93	198.148	2862.25	.5	12675.00	216.667	3422.25
.6	10640.59	198.519	2872.96	.6	12718.37	217.037	3433.96
.7	10680.33	198.889	2883.69	.7	12761.81	217.407	3445.69
.8	10720.15	199.259	2894.44	.8	12805.33	217.778	3457.44
.9	10760.04	199.630	2905.21	.9	12848.93	218.148	3469.21
54.0	10800.00	200.000	2916.00	59.0	12892.59	218.519	3481.00
.1	10840.04	200.370	2926.81	.1	12936.33	218.889	3492.81
.2	10880.15	200.741	2937.64	.2	12980.15	219.259	3504.64
.3	10920.33	201.111	2948.49	.3	13024.04	219.630	3516.49
.4	10960.59	201.481	2959.36	.4	13068.00	220.000	3528.36
.5	11000.93	201.852	2970.25	.5	13112.04	220.370	3540.25
.6	11041.33	202.222	2981.16	.6	13156.15	220.741	3552.16
.7	11081.81	202.593	2992.09	.7	13200 33	221.111	3564.09
.8	11122.37	202.963	3003.04	.8	13244.59	221.481	3576.04
.9	11163.00	203.333	3014.01	.9	13288.93	221.852	3588.01
55.0	11203.70	203.704	3025.00	60.0	13333.33	222.222	3600.00

								Sq. Ft. in Cross Section of Transmission Parts
								39.
								40
								42
								43.
								45.
								47.
								48.
								50.
								52.
								54
								55
								57
								59
								61
								63
								65
								67
								69
								71
								73.5
								75.6
								77.76
								79.93
								82.14
								84.37
								86.64
								88.935
								91.260
								93.615
								96.000
								98.415
								100.860
								103.335
								105.840
								108.375
								110.940
								113.535
								116.160
								118.815
								121.500
								124.215
								126.960
								129.735
								132.540
								135.375
6	117 56	17 937	31.740	.6	512.00	35.556		138.240
7	122 72	17 407	33 135	.7	522.72	35.926		141.135
8	128 00	17.778	34.560	.8	533.56	36.296		144.060
		18.148	36.015	.9	544.50	36.667		147.015
		18.519	37 500	10.0	555.56	37.037		150.000

LE IX Side Slopes of Triangular Part 1½ : 1

Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
37.407	153.015	15.1	1266.72	55.926	342.015
37.778	156.060	.2	1283.56	56.296	346.560
38.148	159.135	.3	1300.50	56.667	351.135
38.519	162.240	.4	1317.56	57.037	355.740
38.889	165.375	.5	1334.72	57.407	360.375
39.259	168.540	.6	1352.00	57.778	365.040
39.630	171.735	.7	1369.39	58.148	369.735
40.000	174.960	.8	1386.89	58.519	374.460
40.370	178.215	.9	1404.50	58.889	379.215
40.741	181.500	16.0	1422.22	59.259	384.000
41.111	184.815	.1	1440.06	59.630	388.815
41.481	188.160	.2	1458.00	60.000	393.660
41.852	191.535	.3	1476.06	60.370	398.535
42.222	194.940	.4	1494.22	60.741	403.440
42.593	198.375	.5	1512.50	61.111	408.375
42.963	201.840	.6	1530.89	61.481	413.340
43.333	205.335	.7	1549.39	61.852	418.335
43.704	208.860	.8	1568.00	62.222	423.360
44.074	212.415	.9	1586.72	62.593	428.415
44.444	216.000	17.0	1605.56	62.963	433.500
44.815	219.615	.1	1624.50	63.333	438.615
45.185	223.260	.2	1643.56	63.704	443.760
45.556	226.935	.3	1662.72	64.074	448.935
45.926	230.640	.4	1682.00	64.444	454.140
46.296	234.375	.5	1701.39	64.815	459.375
46.667	238.140	.6	1720.89	65.185	464.640
47.037	241.935	.7	1740.50	65.556	469.935
47.407	245.760	.8	1760.22	65.926	475.260
47.778	249.615	.9	1780.06	66.296	480.615
48.148	253.500	18.0	1800.00	66.667	486.000
48.519	257.415	.1	1820.06	67.037	491.415
48.889	261.360	.2	1840.22	67.407	496.860
49.259	265.335	.3	1860.50	67.778	502.335
49.630	269.340	.4	1880.89	68.148	507.840
50.000	273.375	.5	1901.39	68.519	513.375
50.370	277.440	.6	1922.00	68.889	518.940
50.741	281.535	.7	1942.72	69.259	524.535
51.111	285.660	.8	1963.56	69.630	530.160
51.481	289.815	.9	1984.50	70.000	535.815
51.852	294.000	19.0	2005.56	70.370	541.500
52.222	298.215	.1	2026.72	70.741	547.215
52.593	302.460	.2	2048.00	71.111	552.960
52.963	306.735	.3	2069.39	71.481	558.735
53.333	311.040	.4	2090.89	71.852	564.540
53.704	315.375	.5	2112.50	72.222	570.375
54.074	319.740	.6	2134.22	72.593	576.240
54.444	324.135	.7	2156.06	72.963	582.135
54.815	328.560	.8	2178.00	73.333	588.060
55.185	333.015	.9	2200.06	73.704	594.015
55.556	337.500	20.0	2222.22	74.074	[illegible]

TABLE IX Side Slopes of Triangular Part 1½ : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
20.1	2244.50	74.444	606.015	25.1	3500.06	92.963	945.015
.2	2266.89	74.815	612.060	.2	3528.00	93.333	952.560
.3	2289.39	75.185	618.135	.3	3556.06	93.704	960.135
.4	2312.00	75.556	624.240	.4	3584.22	94.074	967.740
.5	2334.72	75.926	630.375	.5	3612 50	94.444	975.375
.6	2357.56	76.296	636.540	.6	3640.89	94.815	983.040
.7	2380.50	76.667	642.735	.7	3669.39	95.185	990.735
.8	2403.56	77.037	648.960	.8	3698.00	95.556	998.460
.9	2426.72	77.407	655.215	.9	3726.72	95.926	1006.215
21.0	2450.00	77.778	661.500	26.0	3755.56	96.296	1014.000
.1	2473.39	78.148	667.815	.1	3784.50	96.667	1021.815
.2	2496.89	78.519	674.160	.2	3813.56	97.037	1029.660
.3	2520.50	78.889	680.535	.3	3842.72	97.407	1037.535
.4	2544.22	79.259	686.940	.4	3872.00	97.778	1045.440
.5	2568.06	79.630	693.375	.5	3901.39	98.148	1053.375
.6	2592.00	80.000	699.840	.6	3930.89	98.519	1061.340
.7	2616.06	80.370	706.335	.7	3960.50	98.889	1069.335
.8	2640.22	80.741	712.860	.8	3990.22	99.259	1077.360
.9	2664.50	81.111	719.415	.9	4020.06	99.630	1085.415
22.0	2688.89	81.481	726.000	27.0	4050.00	100.000	1093.500
.1	2713.39	81.852	732.615	.1	4080.06	100.370	1101.615
.2	2738.00	82.222	739.260	.2	4110.22	100.741	1109.760
.3	2762.72	82.593	745.935	.3	4140.50	101.111	1117.935
.4	2787.56	82.963	752.640	.4	4170.89	101.481	1126.140
.5	2812.50	83.333	759.375	.5	4201.39	101.852	1134.375
.6	2837.56	83.704	766.140	.6	4232.00	102.222	1142.640
.7	2862.72	84.074	772.935	.7	4262.72	102.593	1150.935
.8	2888.00	84.444	779.760	.8	4293.56	102.963	1159.260
.9	2913.39	84.815	786.615	.9	4324.50	103.333	1167.615
23.0	2938.89	85.185	793.500	28.0	4355.56	103.704	1176.000
.1	2964.50	85.556	800.415	.1	4386.72	104.074	1184.415
.2	2990.22	85.926	807.360	.2	4418.00	104.444	1192.860
.3	3016.06	86.296	814.335	.3	4449.39	104.815	1201.335
.4	3042.00	86.667	821.340	.4	4480.89	105.185	1209.840
.5	3068.06	87.037	828.375	.5	4512.50	105.556	1218.375
.6	3094.22	87.407	835.440	.6	4544 22	105.926	1226.940
.7	3120.50	87.778	842.535	.7	4576.06	106.296	1235.535
.8	3146.89	88.148	849.660	.8	4608.00	106.667	1244.160
.9	3173.39	88.519	856.815	.9	4640.06	107.037	1252.815
24.0	3200.00	88.889	864.000	29.0	4672.22	107.407	1261.500
.1	3226.72	89.259	871.215	.1	4704.50	107.778	1270.215
.2	3253.56	89.630	878.460	.2	4736.89	108.148	1278.960
.3	3280.50	90.000	885.735	.3	4769.39	108.519	1287.735
.4	3307.56	90.370	893.040	.4	4802.00	108.889	1296.540
.5	3334.72	90.741	900.375	.5	4831.72	109.259	1305.375
.6	3362.00	91.111	907.740	.6	4867.56	109.630	1314.240
.7	3389.39	91.481	915.135	.7	4900.50	110.000	1323.135
.8	3416.89	91.852	922.560	.8	4933.56	110.370	1332.060
.9	3444.50	92.222	930.015	.9	4966.72	110 741	1341.015
25.0	3472.22	92.593	937.500	30.0	5000.00	111.111	1350.000

TABLE IX Side Slopes of Triangular Part 1½ : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
30.1	5033.39	111.481	1359.015	35.1	6844.50	130.000	1848.015
.2	5066.89	111.852	1368.060	.2	6883.56	130.370	1858.560
.3	5100.50	112.222	1377.135	.3	6922.72	130.741	1869.135
.4	5134.22	112.593	1386.240	.4	6962.00	131.111	1879.740
.5	5168.06	112.963	1395.375	.5	7001.39	131.481	1890.375
.6	5202.00	113.333	1404.540	.6	7040.89	131.852	1901.040
.7	5236.06	113.704	1413.735	.7	7080.50	132.222	1911.735
.8	5270.22	114.074	1422.960	.8	7120.22	132.593	1922.460
.9	5304.50	114.444	1432.215	.9	7160.06	132.963	1933.215
31.0	5338.89	114.815	1441.500	36.0	7200.00	133.333	1944.000
.1	5373.39	115.185	1450.815	.1	7240.06	133.704	1954.815
.2	5408.00	115.556	1460.160	.2	7280.22	134.074	1965.660
.3	5442.72	115.926	1469.535	.3	7320.50	134.444	1976.535
.4	5477.56	116.296	1478.940	.4	7360.89	134.815	1987.440
.5	5512.50	116.667	1488.375	.5	7401.39	135.185	1998.375
.6	5547.56	117.037	1497.840	.6	7442.00	135.556	2009.340
.7	5582.72	117.407	1507.335	.7	7482.72	135.926	2020.335
.8	5618.00	117.778	1516.860	.8	7523.56	136.296	2031.360
.9	5653.39	118.148	1526.415	.9	7564.50	136.667	2042.415
32.0	5688.89	118.519	1536.000	37.0	7605.56	137.037	2053.500
.1	5724.50	118.889	1545.615	.1	7646.72	137.407	2064.615
.2	5760.22	119.259	1555.260	.2	7688.00	137.778	2075.760
.3	5796.06	119.630	1564.935	.3	7729.39	138.148	2086.935
.4	5832.00	120.000	1574.640	.4	7770.89	138.519	2098.140
.5	5868.06	120.370	1584.375	.5	7812.50	138.889	2109.375
.6	5904.22	120.741	1594.140	.6	7854.22	139.259	2120.640
.7	5940.50	121.111	1603.935	.7	7896.06	139.630	2131.935
.8	5976.89	121.481	1613.760	.8	7938.00	140.000	2143.260
.9	6013.39	121.852	1623.615	.9	7980.06	140.370	2154.615
33.0	6050.00	122.222	1633.500	38.0	8022.22	140.741	2166.000
.1	6086.72	122.593	1643.415	.1	8064.50	141.111	2177.415
.2	6123.56	122.963	1653.360	.2	8106.89	141.481	2188.860
.3	6160.50	123.333	1663.335	.3	8149.39	141.852	2200.335
.4	6197.56	123.704	1673.340	.4	8192.00	142.222	2211.840
.5	6234.72	124.074	1683.375	.5	8234.72	142.593	2223.375
.6	6272.00	124.444	1693.440	.6	8277.56	142.963	2234.940
.7	6309.39	124.815	1703.535	.7	8320.50	143.333	2246.535
.8	6346.89	125.185	1713.660	.8	8363.56	143.704	2258.160
.9	6384.50	125.556	1723.815	.9	8406.72	144.074	2269.815
34.0	6422.22	125.926	1734.000	39.0	8450.00	144.444	2281.500
.1	6460.06	126.296	1744.215	.1	8493.39	144.815	2293.215
.2	6498.00	126.667	1754.460	.2	8536.89	145.185	2304.960
.3	6536.06	127.037	1764.735	.3	8580.50	145.556	2316.735
.4	6574.22	127.407	1775.040	.4	8624.22	145.926	2328.540
.5	6612.50	127.778	1785.375	.5	8668.06	146.296	2340.375
.6	6650.89	128.148	1795.740	.6	8712.00	146.667	2352.240
.7	6689.39	128.519	1806.135	.7	8756.06	147.037	2364.135
.8	6728.00	128.889	1816.560	.8	8800.22	147.407	2376.060
.9	6766.72	129.259	1827.015	.9	8844.50	147.778	2388.015
35.0	6805.56	129.630	1837.500	40.0	8888.89	148.148	2400.000

TABLE IX Side Slopes of Triangular Part 1½ : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	S Cr T
40.1	8933.39	148.519	2412.015	45.1	11300.06	167.037	3(
.2	8978.00	148.889	2424.060	.2	11350.22	167.407	3(
.3	9022.72	149.259	2436.135	.3	11400.50	167.778	3(
.4	9067.56	149.630	2448.240	.4	11450.89	168.148	3(
.5	9112.50	150.000	2460.375	.5	11501.39	168.519	3
.6	9157.56	150.370	2472.540	.6	11552.00	168.889	3
.7	9202.72	150.741	2484.735	.7	11602.72	169.259	3
.8	9248.00	151.111	2496.960	.8	11653.56	169.630	3
.9	9293.39	151.481	2509.215	.9	11704.50	170.000	3
41.0	9338.89	151.852	2521.500	46.0	11755.56	170.370	3
.1	9384.50	152.222	2533.815	.1	11806.72	170.741	3
.2	9430.22	152.593	2546.160	.2	11858.00	171.111	3
.3	9476.06	152.963	2558.535	.3	11909.39	171.481	3
.4	9522.00	153.333	2570.940	.4	11960.89	171.852	3
.5	9568.06	153.704	2583.375	.5	12012.50	172.222	3
.6	9614.22	154.074	2595.840	.6	12064.22	172.593	3
.7	9660.50	154.444	2608.335	.7	12116.06	172.963	3
.8	9706.89	154.815	2620 860	.8	12168.00	173.333	3
.9	9753.39	155.185	2633.415	.9	12220.06	173.704	
42,0	9800.00	155.556	2646.000	47.0	12272.22	174.074	
.1	9846.72	155.926	2658.615	.1	12324.50	174.444	
.2	9893.56	156.296	2671.260	.2	12376.89	174.815	
.3	9940.50	156.667	2683.935	.3	12429.39	175.185	
.4	9987.56	157.037	2696.640	.4	12482.00	175.556	
.5	10034 72	157.407	2709.375	.5	12534.72	175.926	
.6	10082.00	157.778	2722.140	.6	12587.56	176.296	
.7	10129.39	158.148	2734.935	.7	12640.50	176.667	
.8	10176.89	158.519	2747.760	.8	12693.56	177.037	
.9	10224.50	158.889	2760.615	.9	12746.72	177.407	
43.0	10272.22	159.259	2773.500	48.0	12800.00	177.778	
.1	10320.06	159.630	2786.415	.1	12853.39	178.148	
.2	10368.00	160.000	2799.360	.2	12906.89	178.519	
.3	10416.06	160.370	2812.335	.3	12960.50	178.889	
.4	10464.22	160.741	2825.340	.4	13014.22	179.259	
.5	10512.50	161.111	2838.375	.5	13068.06	179.630	
.6	10560.89	161.481	2851.440	.6	13122.00	180.000	
.7	10609.39	161.852	2864.535	.7	13176.06	180.370	
.8	10658.00	162.222	2877.660	.8	13230.22	180.741	
.9	10706.72	162.593	2890.815	.9	13284.50	181.111	
44.0	10755.56	162.963	2904.000	49.0	13338.89	181.481	
.1	10804.50	163.333	2917.215	.1	13393.39	181.852	
.2	10853.56	163.704	2930.460	.2	13448.00	182.222	
.3	10902.72	164.074	2943.735	.3	13502.72	182.593	
.4	10952.00	164.444	2957.040	.4	13557.56	182.963	
.5	11001.39	164.815	2970.375	.5	13612.50	183.333	
.6	11050.89	165.185	2983.740	.6	13667.56	183.704	
.7	11100.50	165.556	2997.135	.7	13722.72	184.074	
.8	11150 22	165.926	3010.560	.8	13778.00	184.444	
.9	11200.06	166.296	3021.015	.9	13833.39	184.815	
45.0	11250 00	166.667	3037.500	50.0	13888.89	185.185	

TABLE IX Side Slopes of Triangular Part 1½ : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
50.1	13944.50	185.556	3765.015	55.1	16866.72	204.074	4554.015
.2	14000.22	185.926	3780.060	.2	16928.00	204.444	4570.560
.3	14056.06	186.296	3795.135	.3	16989.39	204.815	4587.135
.4	14112.00	186.667	3810.240	.4	17050.89	205.185	4603.740
.5	14168.06	187.037	3825.375	.5	17112.50	205.556	4620.375
.6	14224.22	187.407	3840.540	.6	17174.22	205.926	4637.040
.7	14280.50	187.778	3855.735	.7	17236.06	206.296	4653.735
.8	14336.89	188.148	3870.960	.8	17298.00	206.667	4670.460
.9	14393.39	188.519	3886.215	.9	17360.06	207.037	4687.215
51.0	14450.00	188.889	3901.500	56.0	17422.22	207.407	4704.000
.1	14506.72	189.259	3916.815	.1	17484.50	207.778	4720.815
.2	14563.56	189.630	3932.160	.2	17546.89	208.148	4737.660
.3	14620.50	190.000	3947.535	.3	17609.39	208.519	4754.535
.4	14677.56	190.370	3962.940	.4	17672.00	208.889	4771.440
.5	14734.72	190.741	3978.375	.5	17734.72	209.259	4788.375
.6	14792.00	191.111	3993.840	.6	17797.56	209.630	4805.340
.7	14849.39	191.481	4009.335	.7	17860.50	210.000	4822.335
.8	14906.89	191.852	4024.860	.8	17923.56	210.370	4839.360
.9	14964.50	192.222	4040.415	.9	17986.72	210.741	4856.415
52.0	15022.22	192.593	4056.000	57.0	18050.00	211.111	4873.500
.1	15080.06	192.963	4071.615	.1	18113.39	211.481	4890.615
.2	15138.00	193.333	4087.260	.2	18176.89	211.852	4907.760
.3	15196.06	193.704	4102.935	.3	18240.50	212.222	4924.935
.4	15254.22	194.074	4118.640	.4	18304.22	212.593	4942.140
.5	15312.50	194.444	4134.375	.5	18368.06	212.963	4959.375
.6	15370.89	194.815	4150.140	.6	18432.00	213.333	4976.640
.7	15429.39	195.185	4165.935	.7	18496.06	213.704	4993.935
.8	15488.00	195.556	4181.760	.8	18560.22	214.074	5011.260
.9	15546.72	195.926	4197.615	.9	18624.50	214.444	5028.615
53.0	15605.56	196.296	4213.500	58.0	18688.89	214.815	5046.000
.1	15664.50	196.667	4229.415	.1	18753.39	215.185	5063.415
.2	15723.56	197.037	4245.360	.2	18818.00	215.556	5080.860
.3	15782.72	197.407	4261.335	.3	18882.72	215.926	5098.335
.4	15842.00	197.778	4277.340	.4	18947.56	216.296	5115.840
.5	15901.39	198.148	4293.375	.5	19012.50	216.667	5133.375
.6	15960.89	198.519	4309.440	.6	19077.56	217.037	5150.940
.7	16020.50	198.889	4325.535	.7	19142.72	217.407	5168.535
.8	16080.22	199.259	4341.660	.8	19208.00	217.778	5186.160
.9	16140.06	199.630	4357.815	.9	19273.39	218.148	5203.815
54.0	16200.00	200.000	4374.000	59.0	19338.89	218.519	5221.500
.1	16260.06	200.370	4390.215	.1	19404.50	218.889	5239.215
.2	16320.22	200.741	4406.460	.2	19470.22	219.259	5256.960
.3	16380.50	201.111	4422.735	.3	19536.06	219.630	5274.735
.4	16440.89	201.481	4439.040	.4	19602.00	220.000	5292.540
.5	16501.39	201.852	4455.375	.5	19668.06	220.370	5310.375
.6	16562.00	202.222	4471.740	.6	19734.22	220.741	5328.240
.7	16622.72	202.593	4488.135	.7	19800.50	221.111	5346.135
.8	16683.56	202.963	4504.560	.8	19866.89	221.481	5364.060
.9	16744.50	203.333	4521.015	.9	19933.39	221.852	5382.015
55.0	16805.56	203.704	4537.500	60.0	20000.00	222.222	5400.000

TABLE X Side Slopes of Triangular Part 2 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
0.1	0.07	0.370	0.02	5.1	192.67	18.889	52.02
.2	0.30	0.741	0.08	.2	200.30	19.259	54.08
.3	0.67	1.111	0.18	.3	208.07	19.630	56.18
.4	1.19	1.481	0.32	.4	216.00	20.000	58.32
.5	1.85	1.852	0.50	.5	224.07	20.370	60.50
.6	2.67	2.222	0.72	.6	232.30	20.741	62.72
.7	3.63	2.593	0.98	.7	240.67	21.111	64.98
.8	4.74	2.963	1.28	.8	249.19	21.481	67.28
.9	6.00	3.333	1.62	.9	257.85	21.852	69.62
1.0	7.41	3.704	2.00	6.0	266.67	22.222	72.00
.1	8.96	4.074	2.42	.1	275.63	22.593	74.42
.2	10.67	4.444	2.88	.2	284.74	22.963	76.88
.3	12.52	4.815	3.38	.3	294.00	23.333	79.38
.4	14.52	5.185	3.92	.4	303.41	23.704	81.92
.5	16.67	5.556	4.50	.5	312.96	24.074	84.50
.6	18.96	5.926	5.12	.6	322.67	24.444	87.12
.7	21.41	6.296	5.78	.7	332.52	24.815	89.78
.8	24.00	6.667	6.48	.8	342.52	25.185	92.48
.9	26.74	7.037	7.22	.9	352.67	25.556	95.22
2.0	29.63	7.407	8.00	7.0	362.96	25.926	98.00
.1	32.67	7.778	8.82	.1	373.41	26.296	100.82
.2	35.85	8.148	9.68	.2	384.00	26.667	103.68
.3	39.19	8.519	10.58	.3	394.74	27.037	106.58
.4	42.67	8.889	11.52	.4	405.63	27.407	109.52
.5	46.30	9.259	12.50	.5	416.67	27.778	112.50
.6	50.07	9.630	13.52	.6	427.85	28.148	115.52
.7	54.00	10.000	14.58	.7	439.19	28.519	118.58
.8	58.07	10.370	15.68	.8	450.67	28.889	121.68
.9	62.30	10.741	16.82	.9	462.30	29.259	124.82
3.0	66.67	11.111	18.00	8.0	474.07	29.630	128.00
.1	71.19	11.481	19.22	.1	486.00	30.000	131.22
.2	75.85	11.852	20.48	.2	498.07	30.370	134.48
.3	80.67	12.222	21.78	.3	510.30	30.741	137.78
.4	85.63	12.593	23.12	.4	522.67	31.111	141.12
.5	90.74	12.963	24.50	.5	535.19	31.481	144.50
.6	96.00	13.333	25.92	.6	547.85	31.852	147.92
.7	101.41	13.704	27.38	.7	560.67	32.222	151.38
.8	106.96	14.074	28.88	.8	573.63	32.593	154.88
.9	112.67	14.444	30.42	.9	586.74	32.963	158.42
4.0	118.52	14.815	32.00	9.0	600.00	33.333	162.00
.1	124.52	15.185	33.62	.1	613.41	33.704	165.62
.2	130.67	15.556	35.28	.2	626.96	34.074	169.28
.3	136.96	15.926	36.98	.3	640.67	34.444	172.98
.4	143.41	16.296	38.72	.4	654.52	34.815	176.72
.5	150.00	16.667	40.50	.5	668.52	35.185	180.50
.6	156.74	17.037	42.32	.6	682.67	35.556	184.32
.7	163.63	17.407	44.18	.7	696.96	35.926	188.18
.8	170.67	17.778	46.08	.8	711.41	36.296	192.08
.9	177.85	18.148	48.02	.9	726.00	36.667	196.02
	5.19	18.519	50.00	10.0	740.74	37.037	200.00

TABLE X Side Slopes of Triangular Part 2 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
10.1	755.63	37.407	204.02	15.1	1688.96	55.926	456.02
.2	770.67	37.778	208.08	.2	1711.41	56.296	462.08
.3	785.85	38.148	212.18	.3	1734.00	56.667	468.18
.4	801.19	38.519	216.32	.4	1756.74	57.037	474.32
.5	816.67	38 889	220.50	.5	1779.63	57.407	480.50
.6	832.30	39.259	224.72	.6	1802.67	57.778	486.72
.7	848.07	39.630	228.98	.7	1825.85	58.148	492.98
.8	864.00	40.000	233.28	.8	1849.19	58.519	499.28
.9	880.07	40.370	237.62	.9	1872.67	58.889	505.62
11.0	896.30	40.741	242.00	16.0	1896.30	59.259	512.00
.1	912.67	41.111	246.42	.1	1920.07	59.630	518.42
.2	929.19	41.481	250.88	.2	1944.00	60.000	524.88
.3	945.85	41.852	255.38	.3	1968.07	60.370	531.38
.4	962.67	42.222	259.92	.4	1992.30	60.741	537.92
.5	979.63	42.593	264.50	.5	2016.67	61.111	544.50
.6	996.74	42.963	269.12	.6	2041.19	61.481	551.12
.7	1014.00	43.333	273.78	.7	2065.85	61.852	557.78
.8	1031.41	43.704	278.48	.8	2090.67	62.222	564.48
.9	1048.96	44.074	283.22	.9	2115.63	62.593	571.22
12.0	1066.67	44.444	288.00	17.0	2140.74	62.963	578.00
.1	1084.52	44.815	292.82	.1	2166.00	63.333	584.82
.2	1102.52	45.185	297.68	.2	2191.41	63.704	591.68
.3	1120.67	45.556	302.58	.3	2216.96	64.074	598.58
.4	1138.96	45.926	307.52	.4	2242.67	64.444	605.52
.5	1157.41	46.296	312.50	.5	2268.52	64.815	612.50
.6	1176.00	46.667	317.52	.6	2294.52	65.185	619.52
.7	1194.74	47.037	322.58	.7	2320.67	65.556	626 58
.8	1213.63	47.407	327.68	.8	2346.96	65.926	633.68
.9	1232.67	47.778	332.82	.9	2373.41	66.296	640.82
13.0	1251.85	48.148	338.00	18.0	2400.00	66.667	648.00
.1	1271.19	48.519	343.22	.1	2426.74	67.037	655.22
.2	1290.67	48.889	348.48	.2	2453.63	67.407	662.48
.3	1310.30	49.259	353.78	.3	2480.67	67.778	669.78
.4	1330.07	49.630	359 12	.4	2507.85	68.148	677.12
.5	1350.00	50.000	364.50	.5	2535.19	68.519	684.50
.6	1370.07	50.370	369.92	.6	2562.67	68.889	691.92
.7	1390.30	50.741	375.38	.7	2590.30	69.259	699.38
.8	1410.67	51.111	380.88	.8	2618.07	69.630	706.88
.9	1431.19	51.481	386.42	.9	2646.00	70.000	714.42
14.0	1451.85	51.852	392.00	19.0	2674.07	70.370	722.00
.1	1472.67	52.222	397.62	.1	2702.30	70.741	729.62
.2	1493.63	52.593	403.28	.2	2730.67	71.111	737.28
.3	1514.74	52.963	408.98	.3	2759.19	71.481	744.98
.4	1536.00	53.333	414.72	.4	2787.85	71.852	752.72
.5	1557.41	53.704	420.50	.5	2816.67	72.222	760.50
.6	1578.96	54.074	426.32	.6	2845.63	72.593	768.32
.7	1600.67	54.444	432.18	.7	2874.74	72.963	776.18
.8	1622.52	54.815	438.08	.8	2904.00	73.333	784.08
.9	1644.52	55.185	444.02	.9	2933.41	73.704	792.02
15.0	1666.67	55.556	450.00	20.0	2962.96	74.074	800.00

						Sq. Ft in Cross Section Triangular Part
						1240 02
						1270 08
						1289.18
						1290 32
						1300 50
						1310 72
						1320 98
						1331 28
						1341 62
						1352 00
						1362 42
						1372 88
						1383.38
						1393.92
						1401 50
						1415.12
						1425 78
						1436 48
						1447 22
						1458.00
						1468.82
						1479 68
						1490 58
						1501.52
						1512 50
						1523 52
						1534 58
						1545.68
						1556 82
						1568 00
						1579.22
						1590.48
						1601 78
						1613 12
						1624.50
						1635.92
						1647.38
						1658.88
						1670.42
						1682.00
						1693.62
						1705 28
						1716.98
						1728 72
						1740.50
						1752.32
						1764.18
						1776 08
						1788.02
25.0	1629 63	92.593	1250 00	20.0	6666 67	1800.00

TABLE X Side Slopes of Triangular Part 2 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
30.1	6711.19	111.481	1812.02	35.1	9126.00	130.000	2464.02
.2	6755.85	111.852	1824.08	.2	9178.07	130.370	2478.08
.3	6800.67	112.222	1836.18	.3	9230.30	130.741	2492.18
.4	6845.63	112.593	1848.32	.4	9282.67	131.111	2506.32
.5	6890.74	112.963	1860.50	.5	9335.19	131.481	2520.50
.6	6936.00	113.333	1872.72	.6	9387.85	131.852	2534.72
.7	6981.41	113.704	1884.98	.7	9440.67	132.222	2548.98
.8	7026.96	114.074	1897.28	.8	9493.63	132.593	2563.28
.9	7072.67	114.444	1909.62	.9	9546.74	132.963	2577.62
31.0	7118.52	114.815	1922.00	36.0	9600.00	133.333	2592.00
.1	7164.52	115.185	1934.42	.1	9653.41	133.704	2606.42
.2	7210.67	115.556	1946.88	.2	9706.96	134.074	2620.88
.3	7256.96	115.926	1959.38	.3	9760.67	134.444	2635.38
.4	7303.41	116.296	1971.92	.4	9814.52	134.815	2649.92
.5	7350.00	116.667	1984.50	.5	9868.52	135.185	2664.50
.6	7396.74	117.037	1997.12	.6	9922.67	135.556	2679.12
.7	7443.63	117.407	2009.78	.7	9976.96	135.926	2693.78
.8	7490.67	117.778	2022.48	.8	10031.41	136.296	2708.48
.9	7537.85	118.148	2035.22	.9	10086.00	136.667	2723.22
32.0	7585.19	118.519	2048.00	37.0	10140.74	137.037	2738.00
.1	7632.67	118.889	2060.82	.1	10195.63	137.407	2752.82
.2	7680.30	119.259	2073.68	.2	10250.67	137.778	2767.68
.3	7728.07	119.630	2086.58	.3	10305.85	138.148	2782.58
.4	7776.00	120.000	2099.52	.4	10361.19	138.519	2797.52
.5	7824.07	120.370	2112.50	.5	10416.67	138.889	2812.50
.6	7872.30	120.741	2125.52	.6	10472.30	139.259	2827.52
.7	7920.67	121.111	2138.58	.7	10528.07	139.630	2842.58
.8	7969.19	121.481	2151.68	.8	10584.00	140.000	2857.68
.9	8017.85	121.852	2164.82	.9	10640.07	140.370	2872.82
33.0	8066.67	122.222	2178.00	38.0	10696.30	140.741	2888.00
.1	8115.63	122.593	2191.22	.1	10752.67	141.111	2903.22
.2	8164.74	122.963	2204.48	.2	10809.19	141.481	2918.48
.3	8214.00	123.333	2217.78	.3	10865.85	141.852	2933.78
.4	8263.41	123.704	2231.12	.4	10922.67	142.222	2949.12
.5	8312.96	124.074	2244.50	.5	10979.63	142.593	2964.50
.6	8362.67	124.444	2257.92	.6	11036.74	142.963	2979.92
.7	8412.52	124.815	2271.38	.7	11094.00	143.333	2995.38
.8	8462.52	125.185	2284.88	.8	11151.41	143.704	3010.88
.9	8512.67	125.556	2298.42	.9	11208.96	144.074	3026.42
34.0	8562.96	125.926	2312.00	39.0	11266.67	144.444	3042.00
.1	8613.41	126.296	2325.62	.1	11324.52	144.815	3057.62
.2	8664.00	126.667	2339.28	.2	11382.52	145.185	3073.28
.3	8714.74	127.037	2352.98	.3	11440.67	145.556	3088.98
.4	8765.63	127.407	2366.72	.4	11498.96	145.926	3104.72
.5	8816.67	127.778	2380.50	.5	11557.41	146.296	3120.50
.6	8867.85	128.148	2394.32	.6	11616.00	146.667	3136.32
.7	8919.19	128.519	2408.18	.7	11674.74	147.037	3152.18
.8	8970.67	128.889	2422.08	.8	11733.63	147.407	3168.08
.9	9022.30	129.259	2436.02	.9	11792.67	147.778	3184.02
35.0	9074.07	129.630	2450.00	40.0	11851.85	148.148	3200.00

TABLE X Side Slopes of Triangular Part 2 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
40 1	11911.19	148.519	3216.02	45.1	15066.74	167.037	4068.02
2	11970.67	148.889	3232.08	.2	15133.63	167.407	4086 08
.3	12030.30	149.259	3248.18	.3	15200.67	167.778	4104.18
.4	12090.07	149.630	3264.32	.4	15267.85	168.148	4122.32
.5	12150.00	150.000	3280.50	.5	15335.19	168.519	4140.50
.6	12210.07	150.370	3296.72	.6	15402.67	168.889	4158.72
.7	12270.30	150.741	3312.98	.7	15470.30	169.259	4176.98
.8	12330.67	151.111	3329.28	.8	15538.07	169 630	4195.28
.9	12391.19	151.481	3345.62	.9	15606.00	170.000	4213.62
41.0	12451.85	151.852	3362.00	46.0	15674.07	170.370	4232.00
.1	12512.67	152.222	3378.42	.1	15742.30	170.741	4250.42
.2	12573.63	152.593	3394.88	.2	15810.67	171.111	4268.88
.3	12634.74	152.963	3411.38	.3	15879.19	171.481	4287.38
.4	12696.00	153.333	3427.92	.4	15947.85	171.852	4305.92
.5	12757.41	153.704	3444.50	.5	16016.67	172.222	4324.50
.6	12818.96	154.074	3461.12	.6	16085.63	172.593	4343.12
.7	12880.67	154.444	3477.78	.7	16154.74	172.963	4361.78
.8	12942.52	154.815	3494.48	.8	16224.00	173.333	4380.48
.9	13004.52	155.185	3511.22	.9	16293.41	173.704	4399.22
42.0	13066.67	155.556	3528.00	47.0	16362.96	174.074	4418.00
.1	13128.96	155.926	3544.82	.1	16432.67	174.444	4436.82
.2	13191.41	156.296	3561.68	.2	16502.52	174.815	4455.68
.3	13254.00	156.667	3578.58	.3	16572.52	175.185	4474.58
.4	13316.74	157.037	3595.52	.4	16642.67	175.556	4493.52
.5	13379.63	157.407	3612.50	.5	16712.96	175.926	4512.50
.6	13442.67	157.778	3629.52	.6	16783.41	176.296	4531.52
.7	13505.85	158.148	3646.58	.7	16854.00	176.667	4550.58
.8	13569.19	158.519	3663.68	.8	16924.74	177.037	4569.68
.9	13632.67	158.889	3680.82	.9	16995.63	177.407	4588.82
43.0	13696.30	159.259	3698.00	48.0	17066.67	177.778	4608.00
.1	13760.07	159.630	3715.22	.1	17137.85	178.148	4627.22
.2	13824.00	160.000	3732.48	.2	17209.19	178.519	4646.48
.3	13888.07	160.370	3749.78	.3	17280.67	178.889	4665.78
.4	13952.30	160.741	3767.12	.4	17352.30	179.259	4685.12
.5	14016.67	161.111	3784.50	.5	17424.07	179.630	4704.50
.6	14081.19	161.481	3801.92	.6	17496.00	180.000	4723.92
.7	14145.85	161.852	3819.38	.7	17568.07	180.370	4743.38
.8	14210.67	162.222	3836.88	.8	17640.30	180.741	4762.88
.9	14275.63	162.593	3854.42	.9	17712.67	181.111	4782.42
44.0	14340.74	162.963	3872.00	49.0	17785.19	181.481	4802.00
.1	14406.00	163.333	3889.62	.1	17857.85	181.852	4821.62
.2	14471.41	163.704	3907.28	.2	17930.67	182.222	4841.28
.3	14536.96	164.074	3924.98	.3	18003.63	182.593	4860.98
.4	14602.67	164.444	3942.72	.4	18076.74	182.963	4880.72
.5	14668.52	164.815	3960.50	.5	18150.00	183.333	4900.50
.6	14734.52	165.185	3978.32	.6	18223.41	183.704	4920.32
.7	14800.67	165.556	3996.18	.7	18296.96	184.074	4940.18
.8	14866.96	165.926	4014.08	.8	18370.67	184.444	4960 08
.9	14933.41	166.296	4032.02	.9	18444.52	184.815	4980.02
45.0	15000.00	166.667	4050.00	50.0	18518.52	185.185	5000.00

TABLE X Side Slopes of Triangular Part 2 : 1

ertical leight i Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
50.1	18592.67	185.556	5020.02	55.1	22488.96	204.074	6072.02
.2	18666.96	185.926	5040.08	.2	22570.67	204.444	6094.08
.3	18741.41	186.296	5060.18	.3	22652.52	204.815	6116.18
.4	18816.00	186.667	5080.32	.4	22734.52	205.185	6138.32
.5	18890.74	187.037	5100.50	.5	22816.67	205.556	6160.50
.6	18965.63	187.407	5120.72	.6	22898.96	205.926	6182.72
.7	19040.67	187.778	5140.98	.7	22981.41	206.296	6204.98
.8	19115.85	188.148	5161.28	.8	23064.00	206.667	6227.28
.9	19191.19	188.519	5181.62	.9	23146.74	207.037	6249.62
51.0	19266.67	188.889	5202.00	56.0	23229.63	207.407	6272.00
.1	19342.30	189.259	5222.42	.1	23312.67	207.778	6294.42
.2	19418.07	189.630	5242.88	.2	23395.85	208.148	6316.88
.3	19494 00	190.000	5263.38	.3	23479.19	208.519	6339.38
.4	19570.07	190.370	5283.92	.4	23562.67	208.889	6361.92
.5	19646.30	190.741	5304.50	.5	23646.30	209.259	6384.50
.6	19722.67	191.111	5325.12	.6	23730.07	209.630	6407.12
.7	19799.19	191.481	5345.78	.7	23814.00	210.000	6429.78
.8	19875.85	191.852	5366.48	.8	23898.07	210.370	6452.48
.9	19952.67	192.222	5387.22	.9	23982.30	210.741	6475.22
52.0	20029.63	192.593	5408.00	57.0	24066.67	211.111	6498.00
.1	20106.74	192.963	5428.82	.1	24151.19	211.481	6520.82
.2	20184.00	193.333	5449.68	.2	24235.85	211.852	6543.68
.3	20261.41	193.704	5470.58	.3	24320.67	212.222	6566.58
.4	20338.96	194.074	5491.52	.4	24405.63	212.593	6589.52
.5	20416.67	194.444	5512.50	.5	24490.74	212.963	6612.50
.6	20494.52	194.815	5533.52	.6	24576.00	213.333	6635.52
.7	20572.52	195.185	5554.58	.7	24661.41	213.704	6658.58
.8	20650.67	195.556	5575.68	.8	24746.96	214.074	6681.68
.9	20728.96	195.926	5596.82	.9	24832.67	214.444	6704.82
53.0	20807.41	196.296	5618.00	58.0	24918.52	214.815	6728.00
.1	20886.00	196.667	5639.22	.1	25004.52	215.185	6751.22
.2	20964.74	197.037	5660.48	.2	25090.67	215.556	6774.48
.3	21043.63	197.407	5681.78	.3	25176.96	215.926	6797.78
.4	21122.67	197.778	5703.12	.4	25263.41	216.296	6821.12
.5	21201.85	198.148	5724.50	.5	25350.00	216.667	6844.50
.6	21281.19	198.519	5745.92	.6	25436.74	217.037	6867.92
.7	21360.67	198.889	5767.38	.7	25523.63	217.407	6891.38
.8	21440.30	199.259	5788.88	.8	25610.67	217.778	6914.88
.9	21520.07	199.630	5810.42	.9	25697.85	218.148	6938.42
54.0	21600.00	200.000	5832.00	59.0	25785.19	218.519	6962.00
.1	21680.07	200.370	5853.62	.1	25872.67	218.889	6985.62
.2	21760.30	200.741	5875.28	.2	25960.30	219.259	7009.28
.3	21840.67	201.111	5896.98	.3	26048.07	219.630	7032.98
.4	21921.19	201.481	5918.72	.4	26136.00	220.000	7056.72
.5	22001.85	201.852	5940.50	.5	26224.07	220.370	7080.50
.6	22082.67	202.222	5962.32	.6	26312.30	220.741	7104.32
.7	22163.63	202.593	5984.18	.7	26400.67	221.111	7128.18
.8	22244.74	202.963	6006.08	.8	26489.19	221.481	7152.08
.9	22326.00	203.333	6028.02	.9	26577.85	221.852	7176.02
55.0	22407.41	203.704	6050.00	60.0	26666.67	222.222	7200.00

TABLE XI Side Slopes of Triangular Part 3 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown. Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.
0.1	0.11	0.370	0.03	5.1	289.00	18.889
.2	0.44	0.741	0.12	.2	300.44	19.259
.3	1.00	1.111	0.27	.3	312.11	19.630
.4	1.78	1.481	0.48	.4	324.00	20.000
.5	2.78	1.852	0.75	.5	336.11	20.370
.6	4.00	2.222	1.08	.6	348.44	20.741
.7	5.44	2.593	1.47	.7	361.00	21.111
.8	7.11	2.963	1.92	.8	373.78	21.481
.9	9.00	3.333	2.43	.9	386.78	21.852
1.0	11.11	3.704	3.00	6.0	400.00	22.222
.1	13.44	4.074	3.63	.1	413.44	22.593
.2	16.00	4.444	4.32	.2	427.11	22.963
.3	18.78	4.815	5.07	.3	441.00	23.333
.4	21.78	5.185	5.88	.4	455.11	23.704
.5	25.00	5.556	6.75	.5	469.44	24.074
.6	28.44	5.926	7.68	.6	484.00	24.444
.7	32.11	6.296	8.67	.7	498.78	24.815
.8	36.00	6.667	9.72	.8	513.78	25.185
.9	40.11	7.037	10.83	.9	529.00	25.556
2.0	44.44	7.407	12.00	7.0	544.44	25.926
.1	49.00	7.778	13.23	.1	560.11	26.296
.2	53.78	8.148	14.52	.2	576.00	26.667
.3	58.78	8.519	15.87	.3	592.11	27.037
.4	64.00	8.889	17.28	.4	608.44	27.407
.5	69.44	9.259	18.75	.5	625.00	27.778
.6	75.11	9.630	20.28	.6	641.78	28.148
.7	81.00	10.000	21.87	.7	658.78	28.519
.8	87.11	10.370	23.52	.8	676.00	28.889
.9	93.44	10.741	25.23	.9	693.44	29.259
3.0	100.00	11.111	27.00	8.0	711.11	29.630
.1	106.78	11.481	28.83	.1	729.00	30.000
.2	113.78	11.852	30.72	.2	747.11	30.370
.3	121.00	12.222	32.67	.3	765.44	30.741
.4	128.44	12.593	34.68	.4	784.00	31.111
.5	136.11	12.963	36.75	.5	802.78	31.481
.6	144.00	13.333	38.88	.6	821.78	31.852
.7	152.11	13.704	41.07	.7	841.00	32.222
.8	160.44	14.074	43.32	.8	860.44	32.593
.9	169.00	14.444	45.63	.9	880.11	32.963
4.0	177.78	14.815	48.00	9.0	900.00	33.333
.1	186.78	15.185	50.43	.1	920.11	33.704
.2	196.00	15.556	52.92	.2	940.44	34.074
.3	205.44	15.926	55.47	.3	961.00	34.444
.4	215.11	16.296	58.08	.4	981.78	34.815
.5	225.00	16.667	60.75	.5	1002.78	35.185
.6	235.11	17.037	63.48	.6	1024.00	35.556
.7	245.44	17.407	66.27	.7	1045.44	35.926
.8	256.00	17.778	69.12	.8	1067.11	36.296
.9	266.78	18.148	72.03	.9	1089.00	36.667
5.0	277.78	18.519	75.00	10.0	1111.11	37.037

TABLE XI Side Slopes of Triangular Part 3 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
10.1	1133.44	37.407	306.03	15.1	2533.44	55.926	684.03
.2	1156.00	37.778	312.12	.2	2567.11	56.296	693.12
.3	1178.78	38.148	318.27	.3	2601.00	56.667	702.27
.4	1201.78	38.519	324.48	.4	2635.11	57.037	711.48
.5	1225.00	38.889	330.75	.5	2669.44	57.407	720.75
.6	1248.44	39.259	337.08	.6	2704.00	57.778	730.08
.7	1272.11	39.630	343.47	.7	2738.78	58.148	739.47
.8	1296.00	40.000	349.92	.8	2773.78	58.519	748.92
.9	1320.11	40.370	356.43	.9	2809.00	58.889	758.43
11.0	1344.44	40.741	363.00	16.0	2844.44	59.259	768.00
.1	1369.00	41.111	369.63	.1	2880.11	59.630	777.63
.2	1393.78	41.481	376.32	.2	2916.00	60.000	787.32
.3	1418.78	41.852	383.07	.3	2952.11	60.370	797.07
.4	1444.00	42.222	389.88	.4	2988.44	60.741	806.88
.5	1469.44	42.593	396.75	.5	3025.00	61.111	816.75
.6	1495.11	42.963	403.68	.6	3061.78	61.481	826.68
.7	1521.00	43.333	410.67	.7	3098.78	61.852	836.67
.8	1547.11	43.704	417.72	.8	3136.00	62.222	846.72
.9	1573.44	44.074	424.83	.9	3173.44	62.593	856.83
12.0	1600.00	44.444	432.00	17.0	3211.11	62.963	867.00
.1	1626.78	44.815	439.23	.1	3249.00	63.333	877.23
.2	1653.78	45.185	446.52	.2	3287.11	63.704	887.52
.3	1681.00	45.556	453.87	.3	3325.44	64.074	897.87
.4	1708.44	45.926	461.28	.4	3364.00	64.444	908.28
.5	1736.11	46.296	468.75	.5	3402.78	64.815	918.75
.6	1764.00	46.667	476.28	.6	3441.78	65.185	929.28
.7	1792.11	47.037	483.87	.7	3481.00	65.556	939.87
.8	1820.44	47.407	491.52	.8	3520.44	65.926	950.52
.9	1849.00	47.778	499.23	.9	3560.11	66.296	961.23
13.0	1877.78	48.148	507.00	18.0	3600.00	66.667	972.00
.1	1906.78	48.519	514.83	.1	3640.11	67.037	982.83
.2	1936.00	48.889	522.72	.2	3680.44	67.407	993.72
.3	1965.44	49.259	530.67	.3	3721.00	67.778	1004.67
.4	1995.11	49.630	538.68	.4	3761.78	68.148	1015.68
.5	2025.00	50.000	546.75	.5	3802.78	68.519	1026.75
.6	2055.11	50.370	554.88	.6	3844.00	68.889	1037.88
.7	2085.44	50.741	563.07	.7	3885.44	69.259	1049.07
.8	2116.00	51.111	571.32	.8	3927.11	69.630	1060.32
.9	2146.78	51.481	579.63	.9	3969.00	70.000	1074.63
14.0	2177.78	51.852	588.00	19.0	4011.11	70.370	1083.00
.1	2209.00	52.222	596.43	.1	4053.44	70.741	1094.43
.2	2240.44	52.593	604.92	.2	4096.00	71.111	1105.92
.3	2272.11	52.963	613.47	.3	4138.78	71.481	1117.47
.4	2304.00	53.333	622.08	.4	4181.78	71.852	1129.08
.5	2336.11	53.704	630.75	.5	4225.00	72.222	1140.75
.6	2368.44	54.074	639.48	.6	4268.44	72.593	1152.48
.7	2401.00	54.444	648.27	.7	4312.11	72.963	1164.27
.8	2433.78	54.815	657.12	.8	4356.00	73.333	1176.12
.9	2466.78	55.185	666.03	.9	4400.11	73.704	1188.03
15.0	2500.00	55.556	675.00	20.0	4444.44	74.074	1200.00

TABLE XI Side Slopes of Triangular Part 3 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
20.1	4489.00	74.444	1212.03	25.1	7000.11	92.963	1890.03
.2	4533.78	74.815	1224.12	.2	7056.00	93.333	1905.12
.3	4578.78	75.185	1236.27	.3	7112.11	93.704	1920.27
.4	4624.00	75.556	1248.48	.4	7168.44	94.074	1935.48
.5	4669.44	75.926	1260.75	.5	7225.00	94.444	1950.75
.6	4715.11	76.296	1273.08	.6	7281.78	94.815	1966.08
.7	4761.00	76.667	1285.47	.7	7338.78	95.185	1981.47
.8	4807.11	77.037	1297.92	.8	7396.00	95.556	1996.92
.9	4853.44	77.407	1310.43	.9	7453.44	95.926	2012.43
21.0	4900.00	77.778	1323.00	26.0	7511.11	96.296	2028.00
.1	4946.78	78.148	1335.63	.1	7569.00	96.667	2043.63
.2	4993.78	78.519	1348.32	.2	7627.11	97.037	2059.32
.3	5041.00	78.889	1361.07	.3	7685.44	97.407	2075.07
.4	5088.44	79.259	1373.88	.4	7744.00	97.778	2090.88
.5	5136.11	79.630	1386.75	.5	7802.78	98.148	2106.75
.6	5184.00	80.000	1399.68	.6	7861.78	98.519	2122.68
.7	5232.11	80.370	1412.67	.7	7921.00	98.889	2138.67
.8	5280.44	80.741	1425.72	.8	7980.44	99.259	2154.72
.9	5329.00	81.111	1438.83	.9	8040.11	99.630	2170.83
22.0	5377.78	81.481	1452.00	27.0	8100.00	100.000	2187.00
.1	5426.78	81.852	1465.23	.1	8160.11	100.370	2203.23
.2	5476.00	82.222	1478.52	.2	8220.44	100.741	2219.52
.3	5525.44	82.593	1491.87	.3	8281.00	101.111	2235.87
.4	5575.11	82.963	1505.28	.4	8341.78	101.481	2252.28
.5	5625.00	83.333	1518.75	.5	8402.78	101.852	2268.75
.6	5675.11	83.704	1532.28	.6	8464.00	102.222	2285.28
.7	5725.44	84.074	1545.87	.7	8525.44	102.593	2301.87
.8	5776.00	84.444	1559.52	.8	8587.11	102.963	2318.52
.9	5826.78	84.815	1573.23	.9	8649.00	103.333	2335.23
23.0	5877.78	85.185	1587.00	28.0	8711.11	103.704	2352.00
.1	5929.00	85.556	1600.83	.1	8773.44	104.074	2368.83
.2	5980.44	85.926	1614.72	.2	8836.00	104.444	2385.72
.3	6032.11	86.296	1628.67	.3	8898.78	104.815	2402.67
.4	6084.00	86.667	1642.68	.4	8961.78	105.185	2419.68
.5	6136.11	87.037	1656.75	.5	9025.00	105.556	2436.75
.6	6188.44	87.407	1670.88	.6	9088.44	105.926	2453.88
.7	6241.00	87.778	1685.07	.7	9152.11	106.296	2471.07
.8	6293.78	88.148	1699.32	.8	9216.00	106.667	2488.32
.9	6346.78	88.519	1713.63	.9	9280.11	107.037	2505.63
24.0	6400.00	88.889	1728.00	29.0	9344.44	107.407	2523.00
.1	6453.44	89.259	1742.43	.1	9409.00	107.778	2540.43
.2	6507.11	89.630	1756.92	.2	9473.78	108.148	2557.92
.3	6561.00	90.000	1771.47	.3	9538.78	108.519	2575.47
.4	6615.11	90.370	1786.08	.4	9604.00	108.889	2593.08
.5	6669.44	90.741	1800.75	.5	9669.44	109.259	2610.75
.6	6724.00	91.111	1815.48	.6	9735.11	109.630	2628.48
.7	6778.78	91.481	1830.27	.7	9801.00	110.000	2646.27
.8	6833.78	91.852	1845.12	.8	9867.11	110.370	2664.12
.9	6889.00	92.222	1860.03	.9	9933.44	110.741	2682.03
25.0	6944.44	92.593	1875.00	30.0	10000.00	111.111	2700.00

TABLE XI Side Slopes of Triangular Part 3 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
30.1	10066.78	111.481	2718.03	35.1	13689.00	130.000	3696.03
.2	10133.78	111.852	2736.12	.2	13767.11	130.370	3717.12
.3	10201.00	112.222	2754.27	.3	13845.44	130.741	3738.27
.4	10268.44	112.593	2772.48	.4	13924.00	131.111	3759.48
.5	10336.11	112.963	2790.75	.5	14002.78	131.481	3780.75
.6	10404.00	113.333	2809.08	.6	14081.78	131.852	3802.08
.7	10472.11	113.704	2827.47	.7	14161.00	132.222	3823.47
.8	10540.44	114.074	2845.92	.8	14240.44	132.593	3844.92
.9	10609.00	114.444	2864.43	.9	14320.11	132.963	3866.43
31.0	10677.78	114.815	2883.00	36.0	14400.00	133.333	3888.00
.1	10746.78	115.185	2901.63	.1	14480.11	133.704	3909.63
.2	10816.00	115.556	2920.32	.2	14560.44	134.074	3931.32
.3	10885.44	115.926	2939.07	.3	14641.00	134.444	3953.07
.4	10955.11	116.296	2957.88	.4	14721.78	134.815	3974.88
.5	11025.00	116.667	2976.75	.5	14802.78	135.185	3996.75
.6	11095.11	117.037	2995.68	.6	14884.00	135.556	4018.68
.7	11165.44	117.407	3014.67	.7	14965.44	135.926	4040.67
.8	11236.00	117.778	3033.72	.8	15047.11	136.296	4062.72
.9	11306.78	118.148	3052.83	.9	15129.00	136.667	4084.83
32.0	11377.78	118.519	3072.00	37.0	15211.11	137.037	4107.00
.1	11449.00	118.889	3091.23	.1	15293.44	137.407	4129.23
.2	11520.44	119.259	3110.52	.2	15376.00	137.778	4151.52
.3	11592.11	119.630	3129.87	.3	15458.78	138.148	4173.87
.4	11664.00	120.000	3149.28	.4	15541.78	138.519	4196.28
.5	11736.11	120.370	3168.75	.5	15625.00	138.889	4218.75
.6	11808.44	120.741	3188.28	.6	15708.44	139.259	4241.28
.7	11881.00	121.111	3207.87	.7	15792.11	139.630	4263.87
.8	11953.78	121.481	3227.52	.8	15876.00	140.000	4286.52
.9	12026.78	121.852	3247.23	.9	15960.11	140.370	4309.23
33.0	12100.00	122.222	3267.00	38.0	16044.44	140.741	4332.00
.1	12173.44	122.593	3286.83	.1	16129.00	141.111	4354.83
.2	12247.11	122.963	3306.72	.2	16213.78	141.481	4377.72
.3	12321.00	123.333	3326.67	.3	16298.78	141.852	4400.67
.4	12395.11	123.704	3346.68	.4	16384.00	142.222	4423.68
.5	12469.44	124.074	3366.75	.5	16469.44	142.593	4446.75
.6	12544.00	124.444	3386.88	.6	16555.11	142.963	4469.88
.7	12618.78	124.815	3407.07	.7	16641.00	143.333	4493.07
.8	12693.78	125.185	3427.32	.8	16727.11	143.704	4516.32
.9	12769.00	125.556	3447.63	.9	16813.44	144.074	4539.63
34.0	12844.44	125.926	3468.00	39.0	16900.00	144.444	4563.00
.1	12920.11	126.296	3488.43	.1	16986.78	144.815	4586.43
.2	12996.00	126.667	3508.92	.2	17073.78	145.185	4609.92
.3	13072.11	127.037	3529.47	.3	17161.00	145.556	4633.47
.4	13148.44	127.407	3550.08	.4	17248.44	145.926	4657.08
.5	13225.00	127.778	3570.75	.5	17336.11	146.296	4680.75
.6	13301.78	128.148	3591.48	.6	17424.00	146.667	4704.48
.7	13378.78	128.519	3612.27	.7	17512.11	147.037	4728.27
.8	13456.00	128.889	3633.12	.8	17600.44	147.407	4752.12
.9	13533.44	129.259	3654.03	.9	17689.00	147.778	4776.03
35.0	13611.11	129.630	3675.00	40.0	17777.78	148.148	4800.00

TABLE XI Side Slopes of Triangular Part 3 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
40.1	17866.78	148.519	4824.03	45.1	22600.11	167.037	6102.03
.2	17956.00	148.889	4848.12	.2	22700.44	167.407	6129.12
.3	18045.44	149.259	4872.27	.3	22801.00	167.778	6156.27
.4	18135.11	149.630	4896.48	.4	22901.78	168.148	6183.48
.5	18225.00	150.000	4920.75	.5	23002.78	168.519	6210.75
.6	18315.11	150.370	4945.08	.6	23104.00	168.889	6238.08
.7	18405.44	150.741	4969.47	.7	23205.44	169.259	6265.47
.8	18496.00	151.111	4993.92	.8	23307.11	169.630	6292.92
.9	18586.78	151.481	5018.43	.9	23409.00	170.000	6320.43
41.0	18677.78	151.852	5043.00	46.0	23511.11	170.370	6348.00
.1	18769.00	152.222	5067.63	.1	23613.44	170.741	6375.63
.2	18860.44	152.593	5092.32	.2	23716.00	171.111	6403.32
.3	18952.11	152.963	5117.07	.3	23818.78	171.481	6431.07
.4	19044.00	153.333	5141.88	.4	23921.78	171.852	6458.88
.5	19136.11	153.704	5166.75	.5	24025.00	172.222	6486.75
.6	19228.44	154.074	5191.68	.6	24128.44	172.593	6514.68
.7	19321.00	154.444	5216.67	.7	24232.11	172.963	6542.67
.8	19413.78	154.815	5241.72	.8	24336.00	173.333	6570.72
.9	19506.78	155.185	5266.83	.9	24440.11	173.704	6598.83
42.0	19600.00	155.556	5292.00	47.0	24544.44	174.074	6627.00
.1	19693.44	155.926	5317.23	.1	24649.00	174.444	6655.23
.2	19787.11	156.296	5342.52	.2	24753.78	174.815	6683.52
.3	19881.00	156.667	5367.87	.3	24858.78	175.185	6711.87
.4	19975.11	157.037	5393.28	.4	24964.00	175.556	6740.28
.5	20069.44	157.407	5418.75	.5	25069.44	175.926	6768.75
.6	20164.00	157.778	5444.28	.6	25175.11	176.296	6797.28
.7	20258.78	158.148	5469.87	.7	25281.00	176.667	6825.87
.8	20353.78	158.519	5495.52	.8	25387.11	177.037	6854.52
.9	20449.00	158.889	5521.23	.9	25493.44	177.407	6883.23
43.0	20544.44	159.259	5547.00	48.0	25600.00	177.778	6912.00
.1	20640.11	159.630	5572.83	.1	25706.78	178.148	6940.83
.2	20736.00	160.000	5598.72	.2	25813.78	178.519	6969.72
.3	20832.11	160.370	5624.67	.3	25921.00	178.889	6998.67
.4	20928.44	160.741	5650.68	.4	26028.44	179.259	7027.68
.5	21025.00	161.111	5676.75	.5	26136.11	179.630	7056.75
.6	21121.78	161.481	5702.88	.6	26244.00	180.000	7085.88
.7	21218.78	161.852	5729.07	.7	26352.11	180.370	7115.07
.8	21316.00	162.222	5755.32	.8	26460.44	180.741	7144.32
.9	21413.44	162.593	5781.63	.9	26569.00	181.111	7173.63
44.0	21511.11	162.963	5808.00	49.0	26677.78	181.481	7203.00
.1	21609.00	163.333	5834.43	.1	26786.78	181.852	7232.43
.2	21707.11	163.704	5860.92	.2	26896.00	182.222	7261.92
.3	21805.44	164.074	5887.47	.3	27005.44	182.593	7291.47
.4	21904.00	164.444	5914.08	.4	27115.11	182.963	7321.08
.5	22002.78	164.815	5940.75	.5	27225.00	183.333	7350.75
.6	22101.78	165.185	5967.48	.6	27335.11	183.704	7380.48
.7	22201.00	165.556	5994.27	.7	27445.44	184.074	7410.27
.8	22300.44	165.926	6021.12	.8	27556.00	184.444	7440.12
	22400.11	166.296	6048.03	.9	27666.78	184.815	7470.03
	500.00	166.667	6075.00	50.0	27777.78	185.185	7500.00

TABLE XI Side Slopes of Triangular Part 3 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
50.1	27889.00	185.556	7530.03	55.1	33733.44	204.074	9108.03
.2	28000.44	185.926	7560.12	.2	33856.00	204.444	9141.12
.3	28112.11	186.296	7590.27	.3	33978.78	204.815	9174.27
.4	28224.00	186.667	7620.48	.4	34101.78	205.185	9207.48
.5	28336.11	187.037	7650.75	.5	34225.00	205.556	9240.75
.6	28448.44	187.407	7681.08	.6	34348.44	205.926	9274.08
.7	28561.00	187.778	7711.47	.7	34472.11	206.296	9307.47
.8	28673.78	188.148	7741.92	.8	34596.00	206.667	9340.92
.9	28786.78	188.519	7772.43	.9	34720.11	207.037	9374.43
51.0	28900.00	188.889	7803.00	56.0	34844.44	207.407	9408.00
.1	29013.44	189.259	7833.63	.1	34969.00	207.778	9441.63
.2	29127.11	189.630	7864.32	.2	35093.78	208.148	9475.32
.3	29241.00	190.000	7895.07	.3	35218.78	208.519	9509.07
.4	29355.11	190.370	7925.88	.4	35344.00	208.889	9542.88
.5	29469.44	190.741	7956.75	.5	35469.44	209.259	9576.75
.6	29584.00	191.111	7987.68	.6	35595.11	209.630	9610.68
.7	29698.78	191.481	8018.67	.7	35721.00	210.000	9644.67
.8	29813.78	191.852	8049.72	.8	35847.11	210.370	9678.72
.9	29929.00	192.222	8080.83	.9	35973.44	210.741	9712.83
52.0	30044.44	192.593	8112.00	57.0	36100.00	211.111	9747.00
.1	30160.11	192.963	8143.23	.1	36226.78	211.481	9781.23
.2	30276.00	193.333	8174.52	.2	36353.78	211.852	9815.52
.3	30392.11	193.704	8205.87	.3	36481.00	212.222	9849.87
.4	30508.44	194.074	8237.28	.4	36608.44	212.593	9884.28
.5	30625.00	194.444	8268.75	.5	36736.11	212.963	9918.75
.6	30741.78	194.815	8300.28	.6	36864.00	213.333	9953.28
.7	30858.78	195.185	8331.87	.7	36992.11	213.704	9987.87
.8	30976.00	195.556	8363.52	.8	37120.44	214.074	10022.52
.9	31093.44	195.926	8395.23	.9	37249.00	214.444	10057.23
53.0	31211.11	196.296	8427.00	58.0	37377.78	214.815	10092.00
.1	31329.00	196.667	8458.83	.1	37506.78	215.185	10126.83
.2	31447.11	197.037	8490.72	.2	37636.00	215.556	10161.72
.3	31565.44	197.407	8522.67	.3	37765.44	215.926	10196.67
.4	31684.00	197.778	8554.68	.4	37895.11	216.296	10231.68
.5	31802.78	198.148	8586.75	.5	38025.00	216.667	10266.75
.6	31921.78	198.519	8618.88	.6	38155.11	217.037	10301.88
.7	32041.00	198.889	8651.07	.7	38285.44	217.407	10337.07
.8	32160.44	199.259	8683.32	.8	38416.00	217.778	10372.32
.9	32280.11	199.630	8715.63	.9	38546.78	218.148	10407.63
54.0	32400.00	200.000	8748.00	59.0	38677.78	218.519	10443.00
.1	32520.11	200.370	8780.43	.1	38809.00	218.889	10478.43
.2	32640.44	200.741	8812.92	.2	38940.44	219.259	10513.92
.3	32761.00	201.111	8845.47	.3	39072.11	219.630	10549.47
.4	32881.78	201.481	8878.08	.4	39204.00	220.000	10585.08
.5	33002.78	201.852	8910.75	.5	39336.11	220.370	10620.75
.6	33124.00	202.222	8943.48	.6	39468.44	220.741	10656.48
.7	33245.44	202.593	8976.27	.7	39601.00	221.111	10692.27
.8	33367.11	202.963	9009.12	.8	39733.78	221.481	10728.12
.9	33489.00	203.333	9042.03	.9	39866.78	221.852	10764.03
55.0	33611.11	203.704	9075.00	60.0	40000.00	222.222	10800.00

TABLE XII Side Slopes of Triangular Part 1½ : 1 and 2 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
0.1	0.06	0.370	0.0175	5.1	168.58	18.889	45.5175
.2	0.26	0.741	0.0700	.2	175.26	19.259	47.3200
.3	0.58	1.111	0.1575	.3	182.06	19.630	49.1575
.4	1.04	1.481	0.2800	.4	189.00	20.000	51.0300
.5	1.62	1.852	0.4375	.5	196.06	20.370	52.9375
.6	2.33	2.222	0.6300	.6	203.26	20.741	54.8800
.7	3.18	2.593	0.8575	.7	210.58	21.111	56.8575
.8	4.15	2.963	1.1200	.8	218.04	21.481	58.8700
.9	5.25	3.333	1.4175	.9	225.62	21.852	60.9175
1.0	6.48	3.704	1.7500	6.0	233.33	22.222	63.0000
.1	7.84	4.074	2.1175	.1	241.18	22.593	65.1175
.2	9.33	4.444	2.5200	.2	249.15	22.963	67.2700
.3	10.95	4.815	2.9575	.3	257.25	23.333	69.4575
.4	12.70	5.185	3.4300	.4	265.48	23.704	71.6800
.5	14.58	5.556	3.9375	.5	273.84	24.074	73.9375
.6	16.59	5.926	4.4800	.6	282.33	24.444	76.2300
.7	18.73	6.296	5.0575	.7	290.95	24.815	78.5575
.8	21.00	6.667	5.6700	.8	299.70	25.185	80.9200
.9	23.40	7.037	6.3175	.9	308.58	25.556	83.3175
2.0	25.93	7.407	7.0000	7.0	317.59	25.926	85.7500
.1	28.58	7.778	7.7175	.1	326.73	26.296	88.2175
.2	31.37	8.148	8.4700	.2	336.00	26.667	90.7200
.3	34.29	8.519	9.2575	.3	345.40	27.037	93.2575
.4	37.33	8.889	10.0800	.4	354.93	27.407	95.8300
.5	40.51	9.259	10.9375	.5	364.58	27.778	98.4375
.6	43.81	9.630	11.8300	.6	374.37	28.148	101.0800
.7	47.25	10.000	12.7575	.7	384.29	28.519	103.7575
.8	50.81	10.370	13.7200	.8	394.33	28.889	106.4700
.9	54.51	10.741	14.7175	.9	404.51	29.259	109.2175
3.0	58.33	11.111	15.7500	8.0	414.81	29.630	112.0000
.1	62.29	11.481	16.8175	.1	425.25	30.000	114.8175
.2	66.37	11.852	17.9200	.2	435.81	30.370	117.6700
.3	70.58	12.222	19.0575	.3	446.51	30.741	120.5575
.4	74.93	12.593	20.2300	.4	457.33	31.111	123.4800
.5	79.40	12.963	21.4375	.5	468.29	31.481	126.4375
.6	84.00	13.333	22.6800	.6	479.37	31.852	129.4300
.7	88.73	13.704	23.9575	.7	490.58	32.222	132.4575
.8	93.59	14.074	25.2700	.8	501.93	32.593	135.5200
.9	98.58	14.444	26.6175	.9	513.40	32.963	138.6175
4.0	103.70	14.815	28.0000	9.0	525.00	33.333	141.7500
.1	108.95	15.185	29.4175	.1	536.73	33.704	144.9175
.2	114.33	15.556	30.8700	.2	548.59	34.074	148.1200
.3	119.84	15.926	32.3575	.3	560.58	34.444	151.3575
.4	125.48	16.296	33.8800	.4	572.70	34.815	154.6300
.5	131.25	16.667	35.4375	.5	584.95	35.185	157.9375
.6	137.15	17.037	37.0300	.6	597.33	35.556	161.2800
.7	143.18	17.407	38.6575	.7	609.84	35.926	164.6575
.8	149.33	17.778	40.3200	.8	622.48	36.296	168.0700
.9	155.62	18.148	42.0175	.9	635.25	36.667	171.5175
5.0	162.04	18.519	43.7500	10.0	648.15	37.037	175.0000

TABLE XII Side Slopes of Triangular Part 1½ : 1 and 2 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
10.1	661.18	37.407	178.5175	15.1	1477.84	55.926	399.0175
.2	674.33	37.778	182.0700	.2	1497.48	56.296	404.3200
.3	687.62	38.148	185.6575	.3	1517.25	56.667	409.6575
.4	701.04	38.519	189.2800	.4	1537.15	57.037	415.0300
.5	714.58	38.889	192.9375	.5	1557.18	57.407	420.4375
.6	728.26	39.259	196.6300	.6	1577.33	57.778	425.8800
.7	742.06	39.630	200.3575	.7	1597.62	58.148	431.3575
.8	756.00	40.000	204.1200	.8	1618.04	58.519	436.8700
.9	770.06	40.370	207.9175	.9	1638.58	58.889	442.4175
11.0	784.26	40.741	211.7500	16.0	1659.26	59.259	448.0000
.1	798.58	41.111	215.6175	.1	1680.06	59.630	453.6175
.2	813.04	41.481	219.5200	.2	1701.00	60.000	459.2700
.3	827.62	41.852	223.4575	.3	1722.06	60.370	464.9575
.4	842.33	42.222	227.4300	.4	1743.26	60.741	470.6800
.5	857.18	42.593	231.4375	.5	1764.58	61.111	476.4375
.6	872.15	42.963	235.4800	.6	1786.04	61.481	482.2300
.7	887.25	43.333	239.5575	.7	1807.62	61.852	488.0575
.8	902.48	43.704	243.6700	.8	1829.33	62.222	493.9200
.9	917.84	44.074	247.8175	.9	1851.18	62.593	499.8175
12.0	933.33	44.444	252.0000	17.0	1873.15	62.963	505.7500
.1	948.95	44.815	256.2175	.1	1895.25	63.333	511.7175
.2	964.70	45.185	260.4700	.2	1917.48	63.704	517.7200
.3	980.58	45.556	264.7575	.3	1939.84	64.074	523.7575
.4	996.59	45.926	269.0800	.4	1962.33	64.444	529.8300
.5	1012.73	46.296	273.4375	.5	1984.95	64.815	535.9375
.6	1029.00	46.667	277.8300	.6	2007.70	65.185	542.0800
.7	1045.40	47.037	282.2575	.7	2030.58	65.556	548.2575
.8	1061.93	47.407	286.7200	.8	2053.59	65.926	554.4700
.9	1078.58	47.778	291.2175	.9	2076.73	66.296	560.7175
13.0	1095.37	48.148	295.7500	18.0	2100.00	66.667	567.0000
.1	1112.29	48.519	300.3175	.1	2123.40	67.037	573.3175
.2	1129.33	48.889	304.9200	.2	2146.93	67.407	579.6700
.3	1146.51	49.259	309.5575	.3	2170.58	67.778	586.0575
.4	1163.81	49.630	314.2300	.4	2194.37	68.148	592.4800
.5	1181.25	50.000	318.9375	.5	2218.29	68.519	598.9375
.6	1198.81	50.370	323.6800	.6	2242.33	68.889	605.4300
.7	1216.51	50.741	328.4575	.7	2266.51	69.259	611.9575
.8	1234.33	51.111	333.2700	.8	2290.81	69.630	618.5200
.9	1252.29	51.481	338.1175	.9	2315.25	70.000	625.1175
14.0	1270.37	51.852	343.0000	19.0	2339.81	70.370	631.7500
.1	1288.58	52.222	347.9175	.1	2364.51	70.741	638.4175
.2	1306.93	52.593	352.8700	.2	2389.33	71.111	645.1200
.3	1325.40	52.963	357.8575	.3	2414.29	71.481	651.8575
.4	1344.00	53.333	362.8800	.4	2439.37	71.852	658.6300
.5	1362.73	53.704	367.9375	.5	2464.58	72.222	665.4375
.6	1381.59	54.074	373.0300	.6	2489.93	72.593	672.2800
.7	1400.58	54.444	378.1575	.7	2515.40	72.963	679.1575
.8	1419.70	54.815	383.3200	.8	2541.00	73.333	686.0700
.9	1438.95	55.185	388.5175	.9	2566.73	73.704	693.0175
15.0	1458.33	55.556	393.7500	20.0	2592.59	74.074	700.0000

TABLE XII Side Slopes of Triangular Part 1½ : 1 and 2 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
20 1	2818 58	74 444	707 0175	25.1	4083.40	92.963	1102.5175
.2	2844 70	74 815	714.0700	.2	4116.00	93.333	1111.3200
.3	2870 97	75 185	721.1575	.3	4148.73	93.704	1120.1575
.4	2897 33	75 556	728.2800	.4	4181.59	94.074	1129.0300
.5	2723 84	75 926	735.4375	.5	4214.58	94.444	1137.9375
.6	2750 48	76 296	742.6300	.6	4247.70	94.815	1146.8800
.7	2777 25	76 667	749.8575	.7	4280.95	95.185	1155.8575
.8	2804 15	77 037	757.1200	.8	4314.33	95.556	1164.8700
.9	2831 18	77 407	764.4175	.9	4347.84	95.926	1173.9175
21 0	2858 33	77 778	771.7500	26.0	4381.48	96.296	1183.0000
1	2885 62	78 148	779.1175	.1	4415.25	96.667	1192.1175
2	2913 04	78 519	786.5200	.2	4449.15	97.037	1201.2700
3	2940 58	78 889	793.9575	.3	4483.18	97.407	1210.4575
4	2968 26	79.259	801.4300	.4	4517.33	97.778	1219.6800
5	2996 06	79.630	808.9375	.5	4551.62	98.148	1228.9375
6	3024 00	80.000	816.4800	.6	4586.04	98.519	1238.2300
7	3052 06	80.370	824.0575	.7	4620.58	98.889	1247.5575
8	3080 26	80.741	831.6700	.8	4655.26	99.259	1256.9200
9	3108 58	81.111	839.3175	.9	4690.06	99.630	1266.3175
22 0	3137 04	81.481	847.0000	27.0	4725.00	100.000	1275.7500
.1	3165 62	81.852	854.7175	.1	4760.06	100.370	1285.2175
.2	3194 33	82.222	862.4700	.2	4795.26	100.741	1294.7200
.3	3223.18	82.593	870.2575	.3	4830.58	101.111	1304.2575
.4	3252.15	82.963	878.0800	.4	4866.04	101.481	1313.8300
.5	3281.25	83.333	885.9375	.5	4901.62	101.852	1323.4375
.6	3310.48	83.704	893.8300	.6	4937.33	102.222	1333.0800
.7	3339.84	84.074	901.7575	.7	4973.18	102.593	1342.7575
.8	3369.33	84.444	909.7200	.8	5009.15	102.963	1352.4700
.9	3398.95	84.815	917.7175	.9	5045.25	103.333	1362.2175
23 0	3428.70	85.185	925.7500	28.0	5081.48	103.704	1372.0000
.1	3458.58	85.556	933.8175	.1	5117.84	104.074	1381.8175
.2	3488.59	85.926	941.9200	.2	5154.33	104.444	1391.6700
.3	3518.73	86.296	950.0575	.3	5190.95	104.815	1401.5575
.4	3549.00	86.667	958.2300	.4	5227.70	105.185	1411.4800
.5	3579.40	87.037	966.4375	.5	5264.58	105.556	1421.4375
.6	3609.93	87.407	974.6800	.6	5301.59	105.926	1431.4300
.7	3640.58	87.778	982.9575	.7	5338.73	106.296	1441.4575
.8	3671.37	88.148	991.2700	.8	5376.00	106.667	1451.5200
.9	3702.29	88.519	999.6175	.9	5413.40	107.037	1461.6175
24 0	3733.33	88.889	1008.0000	29.0	5450.93	107.407	1471.7500
.1	3764.51	89.259	1016.4175	.1	5488.58	107.778	1481.9175
.2	3795.81	89.630	1024.8700	.2	5526.37	108.148	1492.1200
.3	3827.25	90.000	1033.3575	.3	5564.29	108.519	1502.3575
.4	3858.81	90.370	1041.8800	.4	5602.33	108.889	1512.6300
.5	3890.51	90.741	1050.4375	.5	5640.51	109.259	1522.9375
.6	3922.33	91.111	1059.0300	.6	5678.81	109.630	1533.2800
.7	3954.29	91.481	1067.6575	.7	5717.25	110.000	1543.6575
.8	3986.37	91.852	1076.3200	.8	5755.81	110.370	1554.0700
.9	4018.58	92.222	1085.0175	.9	5794.51	110.741	1564.5175
25		92.593	1093.7500	30.0	5833.33	111.111	1575.0000

TABLE XII Side Slopes of Triangular Part 1½ : 1 and 2 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
30.1	5872.29	111.481	1585.5175	35.1	7985.25	130.000	2156.0175
.2	5911.37	111.852	1596.0700	.2	8030.81	130.370	2168.3200
.3	5950.58	112.222	1606.6575	.3	8076.51	130.741	2180.6575
.4	5989.93	112.593	1617.2800	.4	8122.33	131.111	2193.0300
.5	6029.40	112.963	1627.9375	.5	8168.29	131.481	2205.4375
.6	6069.00	113.333	1638.6300	.6	8214.37	131.852	2217.8800
.7	6108.73	113.704	1649.3575	.7	8260.58	132.222	2230.3575
.8	6148.59	114.074	1660.1200	.8	8306.93	132.593	2242.8700
.9	6188.58	114.444	1670.9175	.9	8353.40	132.963	2255.4175
31.0	6228.70	114.815	1681.7500	36.0	8400.00	133.333	2268.0000
.1	6268.95	115.185	1692.6175	.1	8446.73	133.704	2280.6175
.2	6309.33	115.556	1703.5200	.2	8493.59	134.074	2293.2700
.3	6349.84	115.926	1714.4575	.3	8540.58	134.444	2305.9575
.4	6390.48	116.296	1725.4300	.4	8587.70	134.815	2318.6800
.5	6431.25	116.667	1736.4375	.5	8634.95	135.185	2331.4375
.6	6472.15	117.037	1747.4800	.6	8682.33	135.556	2344.2300
.7	6513.18	117.407	1758.5575	.7	8729.84	135.926	2357.0575
.8	6554.33	117.778	1769.6700	.8	8777.48	136.296	2369.9200
.9	6595.62	118.148	1780.8175	.9	8825.25	136.667	2382.8175
32.0	6637.04	118.519	1792.0000	37.0	8873.15	137.037	2395.7500
.1	6678.58	118.889	1803.2175	.1	8921.18	137.407	2408.7175
.2	6720.26	119.259	1814.4700	.2	8969.33	137.778	2421.7200
.3	6762.06	119.630	1825.7575	.3	9017.62	138.148	2434.7575
.4	6804.00	120.000	1837.0800	.4	9066.04	138.519	2447.8300
.5	6846.06	120.370	1848.4375	.5	9114.58	138.889	2460.9375
.6	6888.26	120.741	1859.8300	.6	9163.26	139.259	2474.0800
.7	6930.58	121.111	1871.2575	.7	9212.06	139.630	2487.2575
.8	6973.04	121.481	1882.7200	.8	9261.00	140.000	2500.4700
.9	7015.62	121.852	1894.2175	.9	9310.06	140.370	2513.7175
33.0	7058.33	122.222	1905.7500	38.0	9359.26	140.741	2527.0000
.1	7101.18	122.593	1917.3175	.1	9408.58	141.111	2540.3175
.2	7144.15	122.963	1928.9200	.2	9458.04	141.481	2553.6700
.3	7187.25	123.333	1940.5575	.3	9507.62	141.852	2567.0575
.4	7230.48	123.704	1952.2300	.4	9557.33	142.222	2580.4800
.5	7273.84	124.074	1963.9375	.5	9607.18	142.593	2593.9375
.6	7317.33	124.444	1975.6800	.6	9657.15	142.963	2607.4300
.7	7360.95	124.815	1987.4575	.7	9707.25	143.333	2620.9575
.8	7404.70	125.185	1999.2700	.8	9757.48	143.704	2634.5200
.9	7448.58	125.556	2011.1175	.9	9807.84	144.074	2648.1175
34.0	7492.59	125.926	2023.0000	39.0	9858.33	144.444	2661.7500
.1	7536.73	126.296	2034.9175	.1	9908.95	144.815	2675.4175
.2	7581.00	126.667	2046.8700	.2	9959.70	145.185	2689.1200
.3	7625.40	127.037	2058.8575	.3	10010.58	145.556	2702.8575
.4	7669.93	127.407	2070.8800	.4	10061.59	145.926	2716.6300
.5	7714.58	127.778	2082.9375	.5	10112.73	146.296	2730.4375
.6	7759.37	128.148	2095.0300	.6	10164.00	146.667	2744.2800
.7	7804.29	128.519	2107.1575	.7	10215.40	147.037	2758.1575
.8	7849.33	128.889	2119.3200	.8	10266.93	147.407	2772.0700
.9	7894.51	129.259	2131.5175	.9	10318.58	147.778	2786.0175
35.0	7939.81	129.630	2143.7500	40.0	10370.37	148.148	2800.0000

TABLE XII Side Slopes of Triangular Part 1½ : 1 and 2 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
40.1	10422.29	148.519	2814.0175	45.1	13183.40	167.037	3559.5175
.2	10474.33	148.889	2828.0700	.2	13241.93	167.407	3575.3200
.3	10526.51	149.259	2842.1575	.3	13300.58	167.778	3591.1575
.4	10578.81	149.630	2856.2800	.4	13359.37	168.148	3607.0300
.5	10631.25	150.000	2870.4375	.5	13418.29	168.519	3622.9375
.6	10683.81	150.370	2884.6300	.6	13477.33	168.889	3638.8800
.7	10736.51	150.741	2898.8575	.7	13536.51	169.259	3654.8575
.8	10789.33	151.111	2913.1200	.8	13595.81	169.630	3670.8700
.9	10842.29	151.481	2927.4175	.9	13655.25	170.000	3686.9175
41.0	10895.37	151.852	2941.7500	46.0	13714.81	170.370	3703.0000
.1	10948.58	152.222	2956.1175	.1	13774.51	170.741	3719.1175
.2	11001.93	152.593	2970.5200	.2	13834.33	171.111	3735.2700
.3	11055.40	152.963	2984.9575	.3	13894.29	171.481	3751.4575
.4	11109.00	153.333	2999.4300	.4	13954.37	171.852	3767.6800
.5	11162.73	153.704	3013.9375	.5	14014.58	172.222	3783.9375
.6	11216.59	154.074	3028.4800	.6	14074.93	172.593	3800.2300
.7	11270.58	154.444	3043.0575	.7	14135.40	172.963	3816.5575
.8	11324.70	154.815	3057.6700	.8	14196.00	173.333	3832.9200
.9	11378.95	155.185	3072.3175	.9	14256.73	173.704	3849.3175
42.0	11433.33	155.556	3087.0000	47.0	14317.59	174.074	3865.7500
.1	11487.84	155.926	3101.7175	.1	14378.58	174.444	3882.2175
.2	11542.48	156.296	3116.4700	.2	14439.70	174.815	3898.7200
.3	11597.25	156.667	3131.2575	.3	14500.95	175.185	3915.2575
.4	11652.15	157.037	3146.0800	.4	14562.33	175.556	3931.8300
.5	11707.18	157.407	3160.9375	.5	14623.84	175.926	3948.4375
.6	11762.33	157.778	3175.8300	.6	14685.48	176.296	3965.0800
.7	11817.62	158.148	3190.7575	.7	14747.25	176.667	3981.7575
.8	11873.04	158.519	3205.7200	.8	14809.15	177.037	3998.4700
.9	11928.58	158.889	3220.7175	.9	14871.18	177.407	4015.2175
43.0	11984.26	159.259	3235.7500	48.0	14933.33	177.778	4032.0000
.1	12040.06	159.630	3250.8175	.1	14995.62	178.148	4048.8175
.2	12096.00	160.000	3265.9200	.2	15058.04	178.519	4065.6700
.3	12152.06	160.370	3281.0575	.3	15120.58	178.889	4082.5575
.4	12208.26	160.741	3296.2300	.4	15183.26	179.259	4099.4800
.5	12264.58	161.111	3311.4375	.5	15246.06	179.630	4116.4375
.6	12321.04	161.481	3326.6800	.6	15309.00	180.000	4133.4300
.7	12377.62	161.852	3341.9575	.7	15372.06	180.370	4150.4575
.8	12434.33	162.222	3357.2700	.8	15435.26	180.741	4167.5200
.9	12491.18	162.593	3372.6175	.9	15498.58	181.111	4184.6175
44.0	12548.15	162.963	3388.0000	49.0	15562.04	181.481	4201.7500
.1	12605.25	163.333	3403.4175	.1	15625.62	181.852	4218.9175
.2	12662.48	163.704	3418.8700	.2	15689.33	182.222	4236.1200
.3	12719.84	164.074	3434.3575	.3	15753.18	182.593	4253.3575
.4	12777.33	164.444	3449.8800	.4	15817.15	182.963	4270.6300
.5	12834.95	164.815	3465.4375	.5	15881.25	183.333	4287.9375
.6	12892.70	165.185	3481.0300	.6	15945.48	183.704	4305.2800
.7	12950.58	165.556	3496.6575	.7	16009.84	184.074	4322.6575
.8	13008.59	165.926	3512.3200	.8	16074.33	184.444	4340.0700
.9	13066.73	166.296	3528.0175	.9	16138.95	184.815	4357.5175
45.0	13125.00	166.667	3543.7500	50.0	16203.70	185.185	4375.0000

TABLE XII Side Slopes of Triangular Part 1½ : 1 and 2 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
50.1	16268.58	185.556	4392.5175	55.1	19677.84	204.074	5313.0175
.2	16333.59	185.926	4410.0700	.2	19749.33	204.444	5332.3200
.3	16398.73	186.296	4427.6575	.3	19820.95	204.815	5351.6575
.4	16464.00	186.667	4445.2800	.4	19892.70	205.185	5371.0300
.5	16529.40	187.037	4462.9375	.5	19964.58	205.556	5390.4375
.6	16594.93	187.407	4480.6300	.6	20036.59	205.926	5409.8800
.7	16660.58	187.778	4498.3575	.7	20108.73	206.296	5429.3575
.8	16726.37	188.148	4516.1200	.8	20181.00	206.667	5448.8700
.9	16792.29	188.519	4533.9175	.9	20253.40	207.037	5468.4175
51.0	16858.33	188.889	4551.7500	56.0	20325.93	207.407	5488.0000
.1	16924.51	189.259	4569.6175	.1	20398.58	207.778	5507.6175
.2	16990.81	189.630	4587.5200	.2	20471.37	208.148	5527.2700
.3	17057.25	190.000	4605.4575	.3	20544.29	208.519	5546.9575
.4	17123.81	190.370	4623.4300	.4	20617.33	208.889	5566.6800
.5	17190.51	190.741	4641.4375	.5	20690.51	209.259	5586.4375
.6	17257.33	191.111	4659.4800	.6	20763.81	209.630	5606.2300
.7	17324.29	191.481	4677.5575	.7	20837.25	210.000	5626.0575
.8	17391.37	191.852	4695.6700	.8	20910.81	210.370	5645.9200
.9	17458.58	192.222	4713.8175	.9	20984.51	210.741	5665.8175
52.0	17525.93	192.593	4732.0000	57.0	21058.33	211.111	5685.7500
.1	17593.40	192.963	4750.2175	.1	21132.29	211.481	5705.7175
.2	17661.00	193.333	4768.4700	.2	21206.37	211.852	5725.7200
.3	17728.73	193.704	4786.7575	.3	21280.58	212.222	5745.7575
.4	17796.59	194.074	4805.0800	.4	21354.93	212.593	5765.8300
.5	17864.58	194.444	4823.4375	.5	21429.40	212.963	5785.9375
.6	17932.70	194.815	4841.8300	.6	21504.00	213.333	5806.0800
.7	18000.95	195.185	4860.2575	.7	21578.73	213.704	5826.2575
.8	18069.33	195.556	4878.7200	.8	21653.59	214.074	5846.4700
.9	18137.84	195.926	4897.2175	.9	21728.58	214.444	5866.7175
53.0	18206.48	196.296	4915.7500	58.0	21803.70	214.815	5887.0000
.1	18275.25	196.667	4934.3175	.1	21878.95	215.185	5907.3175
.2	18344.15	197.037	4952.9200	.2	21954.33	215.556	5927.6700
.3	18413.18	197.407	4971.5575	.3	22029.84	215.926	5948.0575
.4	18482.33	197.778	4990.2300	.4	22105.48	216.296	5968.4800
.5	18551.62	198.148	5008.9375	.5	22181.25	216.667	5988.9375
.6	18621.04	198.519	5027.6800	.6	22257.15	217.037	6009.4300
.7	18690.58	198.889	5046.4575	.7	22333.18	217.407	6029.9575
.8	18760.26	199.259	5065.2700	.8	22409.33	217.778	6050.5200
.9	18830.06	199.630	5084.1175	.9	22485.62	218.148	6071.1175
54.0	18900.00	200.000	5103.0000	59.0	22562.04	218.519	6091.7500
.1	18970.06	200.370	5121.9175	.1	22638.58	218.889	6112.4175
.2	19040.26	200.741	5140.8700	.2	22715.26	219.259	6133.1200
.3	19110.58	201.111	5159.8575	.3	22792.06	219.630	6153.8575
.4	19181.04	201.481	5178.8800	.4	22869.00	220.000	6174.6300
.5	19251.62	201.852	5197.9375	.5	22946.06	220.370	6195.4375
.6	19322.33	202.222	5217.0300	.6	23023.26	220.741	6216.2800
.7	19393.18	202.593	5236.1575	.7	23100.58	221.111	6237.1575
.8	19464.15	202.963	5255.3200	.8	23178.04	221.481	6258.0700
.9	19535.25	203.333	5274.5175	.9	23255.62	221.852	6279.0175
55.0	19606.48	203.704	5293.7500	60.0	23333.33	222.222	6300.0000

TABLE XIII Side Slopes of Triangular Part 1½ : 1 and 3 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
0.1	0.08	0.370	0.0225	5.1	216.75	18.889	58.5225
.2	0.33	0.741	0.0900	.2	225.33	19.259	60.8400
.3	0.75	1.111	0.2025	.3	234.08	19.630	63.2025
.4	1.33	1.481	0.3600	.4	243.00	20.000	65.6100
.5	2.08	1.852	0.5625	.5	252.08	20.370	68.0625
.6	3.00	2.222	0.8100	.6	261.33	20.741	70.5600
.7	4.08	2.593	1.1025	.7	270.75	21.111	73.1025
.8	5.33	2.963	1.4400	.8	280.33	21.481	75.6900
.9	6.75	3.333	1.8225	.9	290.08	21.852	78.3225
1.0	8.33	3.704	2.2500	6.0	300.00	22.222	81.0000
.1	10.08	4.074	2.7225	.1	310.08	22.593	83.7225
.2	12.00	4.444	3.2400	.2	320.33	22.963	86.4900
.3	14.08	4.815	3.8025	.3	330.75	23.333	89.3025
.4	16.33	5.185	4.4100	.4	341.33	23.704	92.1600
.5	18.75	5.556	5.0625	.5	352.08	24.074	95.0625
.6	21.33	5.926	5.7600	.6	363.00	24.444	98.0100
.7	24.08	6.296	6.5025	.7	374.08	24.815	101.0025
.8	27.00	6.667	7.2900	.8	385.33	25.185	104.0400
.9	30.08	7.037	8.1225	.9	396.75	25.556	107.1225
2.0	33.33	7.407	9.0000	7.0	408.33	25.926	110.2500
.1	36.75	7.778	9.9225	.1	420.08	26.296	113.4225
.2	40.33	8.148	10.8900	.2	432.00	26.667	116.6400
.3	44.08	8.519	11.9025	.3	444.08	27.037	119.9025
.4	48.00	8.889	12.9600	.4	456.33	27.407	123.2100
.5	52.08	9.259	14.0625	.5	468.75	27.778	126.5625
.6	56.33	9.630	15.2100	.6	481.33	28.148	129.9600
.7	60.75	10.000	16.4025	.7	494.08	28.519	133.4025
.8	65.33	10.370	17.6400	.8	507.00	28.889	136.8900
.9	70.08	10.741	18.9225	.9	520.08	29.259	140.4225
3.0	75.00	11.111	20.2500	8.0	533.33	29.630	144.0000
.1	80.08	11.481	21.6225	.1	546.75	30.000	147.6225
.2	85.33	11.852	23.0400	.2	560.33	30.370	151.2900
.3	90.75	12.222	24.5025	.3	574.08	30.741	155.0025
.4	96.33	12.593	26.0100	.4	588.00	31.111	158.7600
.5	102.08	12.963	27.5625	.5	602.08	31.481	162.5625
.6	108.00	13.333	29.1600	.6	616.33	31.852	166.4100
.7	114.08	13.704	30.8025	.7	630.75	32.222	170.3025
.8	120.33	14.074	32.4900	.8	645.33	32.593	174.2400
.9	126.75	14.444	34.2225	.9	660.08	32.963	178.2225
4.0	133.33	14.815	36.0000	9.0	675.00	33.333	182.2500
.1	140.08	15.185	37.8225	.1	690.08	33.704	186.3225
.2	147.00	15.556	39.6900	.2	705.33	34.074	190.4400
.3	154.08	15.926	41.6025	.3	720.75	34.444	194.6025
.4	161.33	16.296	43.5600	.4	736.33	34.815	198.8100
.5	168.75	16.667	45.5625	.5	752.08	35.185	203.0625
.6	176.33	17.037	47.6100	.6	768.00	35.556	207.3600
.7	184.08	17.407	49.7025	.7	784.08	35.926	211.7025
.8	192.00	17.778	51.8400	.8	800.33	36.296	216.0900
.9	200.08	18.148	54.0225	.9	816.75	36.667	220.5225
5.0	208.33	18.519	56.2500	10.0	833.33	37.037	225.0000

TABLE XIII Side Slopes of Triangular Part 1½ : 1 and 3 : 1

Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
850.08	37.407	229.5225	15.1	1900.08	[illegible]	[illegible]
867.00	37.778	234.0900	.2	1925.33	[illegible]	[illegible]
884.08	38.148	238.7025	.3	1950.75	[illegible]	[illegible]
901.33	38.519	243.3600	.4	1976.33	[illegible]	[illegible]
918.75	38.889	248.0625	.5	2002.08	[illegible]	[illegible]
936.33	39.259	252.8100	.6	2028.00	[illegible]	[illegible]
954.08	39.630	257.6025	.7	2054.08	[illegible]	[illegible]
972.00	40.000	262.4400	.8	2080.33	[illegible]	[illegible]
990.08	40.370	267.3225	.9	2106.75	[illegible]	[illegible]
1008.33	40.741	272.2500	16.0	2133.33	[illegible]	[illegible]
1026.75	41.111	277.2225	1	2160.08	[illegible]	[illegible]
1045.33	41.481	282.2400	2	2187.00	[illegible]	[illegible]
1064.08	41.852	287.3025	3	2214.08	[illegible]	[illegible]
1083.00	42.222	292.4100	4	2241.33	[illegible]	[illegible]
1102.08	42.593	297.5625	5	2268.75	[illegible]	[illegible]
1121.33	42.963	302.7600	6	2296.33	[illegible]	[illegible]
1140.75	43.333	308.0025	7	2324.08	[illegible]	[illegible]
1160.33	43.704	313.2900	8	2352.00	[illegible]	[illegible]
1180.08	44.074	318.6225	9	2380.08	[illegible]	[illegible]
1200.00	44.444	324.0000	17.0	2408.33	[illegible]	[illegible]
1220.08	44.815	329.4225	1	2436.75	[illegible]	[illegible]
1240.33	45.185	334.8900	2	2465.33	[illegible]	[illegible]
1260.75	45.556	340.4025	3	2494.08	[illegible]	[illegible]
1281.33	45.926	345.9600	4	2523.00	[illegible]	[illegible]
1302.08	46.296	351.5625	5	2552.08	[illegible]	[illegible]
1323.00	46.667	357.2100	6	2581.33	[illegible]	[illegible]
1344.08	47.037	362.9025	7	2610.75	[illegible]	[illegible]
1365.33	47.407	368.6400	8	2640.33	[illegible]	[illegible]
1386.75	47.778	374.4225	9	2670.08	[illegible]	[illegible]
1408.33	48.148	380.2500	18.0	2700.00	[illegible]	[illegible]
1430.08	48.519	386.1225	1	2730.08	[illegible]	[illegible]
1452.00	48.889	392.0400	2	2760.33	[illegible]	[illegible]
1474.08	49.259	397.9025	3	2790.75	[illegible]	[illegible]
1496.33	49.630	403.8100	4	2821.33	[illegible]	[illegible]
1518.75	50.000	409.7625	5	2852.08	[illegible]	[illegible]
1541.33	50.370	415.7600	6	2883.00	[illegible]	[illegible]
1564.08	50.741	421.8025	7	2914.08	[illegible]	[illegible]
1587.00	51.111	427.8900	8	2945.33	[illegible]	[illegible]
1610.08	51.481	434.0225	9	2976.75	[illegible]	[illegible]
1633.33	51.852	440.2000	19.0	3008.33	[illegible]	[illegible]
1656.75	52.222	446.4225	1	3040.08	[illegible]	[illegible]
1680.33	52.593	452.6900	2	3072.00	[illegible]	[illegible]
1704.08	52.963	459.0025	3	3104.08	[illegible]	[illegible]
1728.00	53.333	465.3600	4	3136.33	[illegible]	[illegible]
1752.08	53.704	471.7625	5	3168.75	[illegible]	[illegible]
1776.33	54.074	478.2100	6	3201.33	[illegible]	[illegible]
1800.75	54.444	484.7025	7	3234.08	[illegible]	[illegible]
1825.33	54.815	491.2400	8	3267.00	[illegible]	[illegible]
1850.08	55.185	497.8225	9	3300.08	[illegible]	[illegible]
1875.00	55.556	504.4500	20.0	3333.33	[illegible]	[illegible]

TABLE XIII Side Slopes of Triangular Part 1½ : 1 and 3 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
20.1	3366.75	74.444	909.0225	25.1	5250.08	92.963	1417.5225
.2	3400.33	74.815	918.0900	.2	5292.00	93.333	1428.8400
.3	3434.08	75.185	927.2025	.3	5334.08	93.704	1440.2025
.4	3468.00	75.556	936.3600	.4	5376.33	94.074	1451.6100
.5	3502.08	75.926	945.5625	.5	5418.75	94.444	1463.0625
.6	3536.33	76.296	954.8100	.6	5461.33	94.815	1474.5600
.7	3570.75	76.667	964.1025	.7	5504.08	95.185	1486.1025
.8	3605.33	77.037	973.4400	.8	5547.00	95.556	1497.6900
.9	3640.08	77.407	982.8225	.9	5590.08	95.926	1509.3225
21.0	3675.00	77.778	992.2500	26.0	5633.33	96.296	1521.0000
.1	3710.08	78.148	1001.7225	.1	5676.75	96.667	1532.7225
.2	3745.33	78.519	1011.2400	.2	5720.33	97.037	1544.4900
.3	3780.75	78.889	1020.8025	.3	5764.08	97.407	1556.3025
.4	3816.33	79.259	1030.4100	.4	5808.00	97.778	1568.1600
.5	3852.08	79.630	1040.0625	.5	5852.08	98.148	1580.0625
.6	3888.00	80.000	1049.7600	.6	5896.33	98.519	1592.0100
.7	3924.08	80.370	1059.5025	.7	5940.75	98.889	1604.0025
.8	3960.33	80.741	1069.2900	.8	5985.33	99.259	1616.0400
.9	3996.75	81.111	1079.1225	.9	6030.08	99.630	1628.1225
22.0	4033.33	81.481	1089.0000	27.0	6075.00	100.000	1640.2500
.1	4070.08	81.852	1098.9225	.1	6120.08	100.370	1652.4225
.2	4107.00	82.222	1108.8900	.2	6165.33	100.741	1664.6400
.3	4144.08	82.593	1118.9025	.3	6210.75	101.111	1676.9025
.4	4181.33	82.963	1128.9600	.4	6256.33	101.481	1689.2100
.5	4218.75	83.333	1139.0625	.5	6302.08	101.852	1701.5625
.6	4256.33	83.704	1149.2100	.6	6348.00	102.222	1713.9600
.7	4294.08	84.074	1159.4025	.7	6394.08	102.593	1726.4025
.8	4332.00	84.444	1169.6400	.8	6440.33	102.963	1738.8900
.9	4370.08	84.815	1179.9225	.9	6486.75	103.333	1751.4225
23.0	4408.33	85.185	1190.2500	28.0	6533.33	103.704	1764.0000
.1	4446.75	85.556	1200.6225	.1	6580.08	104.074	1776.6225
.2	4485.33	85.926	1211.0400	.2	6627.00	104.444	1789.2900
.3	4524.08	86.296	1221.5025	.3	6674.08	104.815	1802.0025
.4	4563.00	86.667	1232.0100	.4	6721.33	105.185	1814.7600
.5	4602.08	87.037	1242.5625	.5	6768.75	105.556	1827.5625
.6	4641.33	87.407	1253.1600	.6	6816.33	105.926	1840.4100
.7	4680.75	87.778	1263.8025	.7	6864.08	106.296	1853.3025
.8	4720.33	88.148	1274.4900	.8	6912.00	106.667	1866.2400
.9	4760.08	88.519	1285.2225	.9	6960.08	107.037	1879.2225
24.0	4800.00	88.889	1296.0000	29.0	7008.33	107.407	1892.2500
.1	4840.08	89.259	1306.8225	.1	7056.75	107.778	1905.3225
.2	4880.33	89.630	1317.6900	.2	7105.33	108.148	1918.4400
.3	4920.75	90.000	1328.6025	.3	7154.08	108.519	1931.6025
.4	4961.33	90.370	1339.5600	.4	7203.00	108.889	1944.8100
.5	5002.08	90.741	1350.5625	.5	7252.08	109.259	1958.0625
.6	5043.00	91.111	1361.6100	.6	7301.33	109.630	1971.3600
.7	5084.08	91.481	1372.7025	.7	7350.75	110.000	1984.7025
.8	5125.33	91.852	1383.8400	.8	7400.33	110.370	1998.0900
.9	5166.75	92.222	1395.0225	.9	7450.08	110.741	2011.5225
25.0	5208.33	92.593	1406.2500	30.0	7500.00	111.111	2025.0000

TABLE XIII Side Slopes of Triangular Part 1½ : 1 and 3 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
30.1	7550.08	111.481	2038.5225	35.1	10266.75	130.000	2772.0225
.2	7600.33	111.852	2052.0900	.2	10325.33	130.370	2787.8400
.3	7650.75	112.222	2065.7025	.3	10384.08	130.741	2803.7025
.4	7701.33	112.593	2079.3600	.4	10443.00	131.111	2819.6100
.5	7752.08	112.963	2093.0625	.5	10502.08	131.481	2835.5625
.6	7803.00	113.333	2106.8100	.6	10561.33	131.852	2851.5600
.7	7854.08	113.704	2120.6025	.7	10620.75	132.222	2867.6025
.8	7905.33	114.074	2134.4400	.8	10680.33	132.593	2883.6900
.9	7956.75	114.444	2148.3225	.9	10740.08	132.963	2899.8225
31.0	8008.33	114.815	2162.2500	36.0	10800.00	133.333	2916.0000
.1	8060.08	115.185	2176.2225	.1	10860.08	133.704	2932.2225
.2	8112.00	115.556	2190.2400	.2	10920.33	134.074	2948.4900
.3	8164.08	115.926	2204.3025	.3	10980.75	134.444	2964.8025
.4	8216.33	116.296	2218.4100	.4	11041.33	134.815	2981.1600
.5	8268.75	116.667	2232.5625	.5	11102.08	135.185	2997.5625
.6	8321.33	117.037	2246.7600	.6	11163.00	135.556	3014.0100
.7	8374.08	117.407	2261.0025	.7	11224.08	135.926	3030.5025
.8	8427.00	117.778	2275.2900	.8	11285.33	136.296	3047.0400
.9	8480.08	118.148	2289.6225	.9	11346.75	136.667	3063.6225
32.0	8533.33	118.519	2304.0000	37.0	11408.33	137.037	3080.2500
.1	8586.75	118.889	2318.4225	.1	11470.08	137.407	3096.9225
.2	8640.33	119.259	2332.8900	.2	11532.00	137.778	3113.6400
.3	8694.08	119.630	2347.4025	.3	11594.08	138.148	3130.4025
.4	8748.00	120.000	2361.9600	.4	11656.33	138.519	3147.2100
.5	8802.08	120.370	2376.5625	.5	11718.75	138.889	3164.0625
.6	8856.33	120.741	2391.2100	.6	11781.33	139.259	3180.9600
.7	8910.75	121.111	2405.9025	.7	11844.08	139.630	3197.9025
.8	8965.33	121.481	2420.6400	.8	11907.00	140.000	3214.8900
.9	9020.08	121.852	2435.4225	.9	11970.08	140.370	3231.9225
33.0	9075.00	122.222	2450.2500	38.0	12033.33	140.741	3249.0000
.1	9130.08	122.593	2465.1225	.1	12096.75	141.111	3266.1225
.2	9185.33	122.963	2480.0400	.2	12160.33	141.481	3283.2900
.3	9240.75	123.333	2495.0025	.3	12224.08	141.852	3300.5025
.4	9296.33	123.704	2510.0100	.4	12288.00	142.222	3317.7600
.5	9352.08	124.074	2525.0625	.5	12352.08	142.593	3335.0625
.6	9408.00	124.444	2540.1600	.6	12416.33	142.963	3352.4100
.7	9464.08	124.815	2555.3025	.7	12480.75	143.333	3369.8025
.8	9520.33	125.185	2570.4900	.8	12545.33	143.704	3387.2400
.9	9576.75	125.556	2585.7225	.9	12610.08	144.074	3404.7225
34.0	9633.33	125.926	2601.0000	39.0	12675.00	144.444	3422.2500
.1	9690.08	126.296	2616.3225	.1	12740.08	144.815	3439.8225
.2	9747.00	126.667	2631.6900	.2	12805.33	145.185	3457.4400
.3	9804.08	127.037	2647.1025	.3	12870.75	145.556	3475.1025
.4	9861.33	127.407	2662.5600	.4	12936.33	145.926	3492.8100
.5	9918.75	127.778	2678.0625	.5	13002.08	146.296	3510.5625
.6	9976.33	128.148	2693.6100	.6	13068.00	146.667	3528.3600
.7	10034.08	128.519	2709.2025	.7	13134.08	147.037	3546.2025
.8	10092.00	128.889	2724.8400	.8	13200.33	147.407	3564.0900
.9	10150.08	129.259	2740.5225	.9	13266.75	147.778	3582.0225
35.0	10208.33	129.630	2756.2500	40.0	13333.33	148.148	3600.0000

TABLE XIII Side Slopes of Triangular Part 1½ : 1 and 3 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
40.1	13400.08	148.519	3618.0225	45.1	16950.08	167.037	4576.5225
.2	13467.00	148.889	3636.0900	.2	17025.33	167.407	4596.8400
.3	13534.08	149.259	3654.2025	.3	17100.75	167.778	4617.2025
.4	13601.33	149.630	3672.3600	.4	17176.33	168.148	4637.6100
.5	13668.75	150.000	3690.5625	.5	17252 08	168.519	4658.0625
.6	13736.33	150.370	3708.8100	.6	17328.00	168.889	4678.5600
.7	13804.08	150.741	3727.1025	.7	17404.08	169.259	4699.1025
.8	13872.00	151.111	3745.4400	.8	17480.33	169.630	4719.6900
.9	13940.08	151.481	3763.8225	.9	17556.75	170.000	4740.3225
41.0	14008.33	151.852	3782.2500	46.0	17633.33	170.370	4761.0000
.1	14076.75	152.222	3800.7225	.1	17710.08	170.741	4781.7225
.2	14145.33	152.593	3819.2400	.2	17787.00	171.111	4802.4900
.3	14214.08	152.963	3837.8025	.3	17864.08	171.481	4823.3025
.4	14283.00	153.333	3856.4100	.4	17941.33	171.852	4844.1600
.5	14352.08	153.704	3875.0625	.5	18018.75	172.222	4865.0625
.6	14421.33	154.074	3893.7600	.6	18096.33	172.593	4886.0100
.7	14490 75	154.444	3912.5025	.7	18174.08	172.963	4907.0025
.8	14560.33	154.815	3931 2900	.8	18252.00	173.333	4928.0400
.9	14630.08	155.185	3950.1225	.9	18330.08	173.704	4949.1225
42.0	14700.00	155.556	3969.0000	47.0	18408.33	174.074	4970.2500
.1	14770.08	155.926	3987.9225	.1	18486.75	174.444	4991.4225
.2	14840.33	156.296	4006.8900	.2	18565.33	174.815	5012.6400
.3	14910.75	156.667	4025.9025	.3	18644.08	175.185	5033.9025
.4	14981.33	157.037	4044.9600	.4	18723.00	175.556	5055.2100
.5	15052.08	157.407	4064.0625	.5	18802.08	175.926	5076.5625
.6	15123.00	157.778	4083.2100	.6	18881.33	176.296	5097.9600
.7	15194.08	158.148	4102.4025	.7	18960.75	176.667	5119.4025
.8	15265.33	158.519	4121.6400	.8	19040.33	177.037	5140.8900
.9	15336.75	158.889	4140.9225	.9	19120.08	177.407	5162.4225
43.0	15408.33	159.259	4160.2500	48.0	19200.00	177.778	5184.0000
.1	15480.08	159.630	4179.6225	.1	19280.08	178.148	5205.6225
.2	15552.00	160.000	4199.0400	.2	19360.33	178.519	5227.2900
.3	15624.08	160.370	4218.5025	.3	19440.75	178.889	5249.0025
.4	15696.33	160.741	4238.0100	.4	19521.33	179.259	5270.7600
.5	15768.75	161.111	4257.5625	.5	19602.08	179.630	5292.5625
.6	15841.33	161.481	4277.1600	.6	19683.00	180.000	5314.4100
.7	15914.08	161.852	4296.8025	.7	19764.08	180.370	5336.3025
.8	15987.00	162.222	4316.4900	.8	19845.33	180.741	5358.2400
.9	16060.08	162.593	4336.2225	.9	19926.75	181.111	5380.2225
44.0	16133.33	162.963	4356.0000	49.0	20008.33	181.481	5402.2500
.1	16206.75	163.333	4375.8225	.1	20090.08	181.852	5424.3225
.2	16280.33	163.704	4395.6900	.2	20172.00	182.222	5446.4400
.3	16354.08	164.074	4415.6025	.3	20254.08	182.593	5468.6025
.4	16428.00	164.444	4435.5600	.4	20336.33	182.963	5490.8100
.5	16502.08	164.815	4455.5625	.5	20418.75	183.333	5513.0625
.6	16576.33	165.185	4475.6100	.6	20501.33	183.704	5535.3600
.7	16650.75	165.556	4495.7025	.7	20584.08	184.074	5557.7025
.8	16725.33	165.926	4515.8400	.8	20667.00	184.444	5580.0900
.9	16800.08	166.296	4536.0225	.9	20750.08	184.815	5602.5225
45.0	16875.00	166.667	4556.2500	50.0	20833.33	185.185	5625.0000

TABLE XIII Side Slopes of Triangular Part 1½ : 1 and 3 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
50.1	20916.75	185.556	5647.5225	55.1	25300.08	204.074	6831.0225
.2	21000.33	185.926	5670.0900	.2	25392.00	204.444	6855.8400
.3	21084.08	186.296	5692.7025	.3	25484.08	204.815	6880.7025
.4	21168.00	186.667	5715.3600	.4	25576.33	205.185	6905.6100
.5	21252.08	187.037	5738.0625	.5	25668.75	205.556	6930.5625
.6	21336.33	187.407	5760.8100	.6	25761.33	205.926	6955.5600
.7	21420.75	187.778	5783.6025	.7	25854.08	206.296	6980.6025
.8	21505.33	188.148	5806.4400	.8	25947.00	206.667	7005.6900
.9	21590.08	188.519	5829.3225	.9	26040.08	207.037	7030.8225
51.0	21675.00	188.889	5852.2500	56.0	26133.33	207.407	7056.0000
.1	21760.08	189.259	5875.2225	.1	26226.75	207.778	7081.2225
.2	21845.33	189.630	5898.2400	.2	26320.33	208.148	7106.4900
.3	21930.75	190.000	5921.3025	.3	26414.08	208.519	7131.8025
.4	22016.33	190.370	5944.4100	.4	26508.00	208.889	7157.1600
.5	22102.08	190.741	5967.5625	.5	26602.08	209.259	7182.5625
.6	22188.00	191.111	5990.7600	.6	26696.33	209.630	7208.0100
.7	22274.08	191.481	6014.0025	.7	26790.75	210.000	7233.5025
.8	22360.33	191.852	6037.2900	.8	26885.33	210.370	7259.0400
.9	22446.75	192.222	6060.6225	.9	26980.08	210.741	7284.6225
52.0	22533.33	192.593	6084.0000	57.0	27075.00	211.111	7310.2500
.1	22620.08	192.963	6107.4225	.1	27170.08	211.481	7335.9225
.2	22707.00	193.333	6130.8900	.2	27265.33	211.852	7361.6400
.3	22794.08	193.704	6154.4025	.3	27360.75	212.222	7387.4025
.4	22881.33	194.074	6177.9600	.4	27456.33	212.593	7413.2100
.5	22968.75	194.444	6201.5625	.5	27552.08	212.963	7439.0625
.6	23056.33	194.815	6225.2100	.6	27648.00	213.333	7464.9600
.7	23144.08	195.185	6248.9025	.7	27744.08	213.704	7490.9025
.8	23232.00	195.556	6272.6400	.8	27840.33	214.074	7516.8900
.9	23320.08	195.926	6296.4225	.9	27936.75	214.444	7542.9225
53.0	23408.33	196.296	6320.2500	58.0	28033.33	214.815	7569.0000
.1	23496.75	196.667	6344.1225	.1	28130.08	215.185	7595.1225
.2	23585.33	197.037	6368.0400	.2	28227.00	215.556	7621.2900
.3	23674.08	197.407	6392.0025	.3	28324.08	215.926	7647.5025
.4	23763.00	197.778	6416.0100	.4	28421.33	216.296	7673.7600
.5	23852.08	198.148	6440.0625	.5	28518.75	216.667	7700.0625
.6	23941.33	198.519	6464.1600	.6	28616.33	217.037	7726.4100
.7	24030.75	198.889	6488.3025	.7	28714.08	217.407	7752.8025
.8	24120.33	199.259	6512.4900	.8	28812.00	217.778	7779.2400
.9	24210.08	199.630	6536.7225	.9	28910.08	218.148	7805.7225
54.0	24300.00	200.000	6561.0000	59.0	29008.33	218.519	7832.2500
.1	24390.08	200.370	6585.3225	.1	29106.75	218.889	7858.8225
.2	24480.33	200.741	6609.6900	.2	29205.33	219.259	7885.4400
.3	24570.75	201.111	6634.1025	.3	29304.08	219.630	7912.1025
.4	24661.33	201.481	6658.5600	.4	29403.00	220.000	7938.8100
.5	24752.08	201.852	6683.0625	.5	29502.08	220.370	7965.5625
.6	24843.00	202.222	6707.6100	.6	29601.33	220.741	7992.3600
.7	24934.08	202.593	6732.2025	.7	29700.75	221.111	8019.2025
.8	25025.33	202.963	6756.8400	.8	29800.33	221.481	8046.0900
.9	25116.75	203.333	6781.5225	.9	29900.08	221.852	8073.0225
55.0	25208.33	203.704	6806.2500	60.0	30000.00	222.222	8100.0000

TABLE XIV Side Slopes of Triangular Part 2 : 1 and 3 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
0.1	0.09	0.370	0.025	5.1	240.83	18.889	65.025
.2	0.37	0.741	0.100	.2	250.37	19.259	67.600
.3	0.83	1.111	0.225	.3	260.09	19.630	70.225
.4	1.48	1.481	0.400	.4	270.00	20.000	72.900
.5	2.31	1.852	0.625	.5	280.09	20.370	75.625
.6	3.33	2.222	0.900	.6	290.37	20.741	78.400
.7	4.54	2.593	1.225	.7	300.83	21.111	81.225
.8	5.93	2.963	1.600	.8	311.48	21.481	84.100
.9	7.50	3.333	2.025	.9	322.31	21.852	87.025
1.0	9.26	3.704	2.500	6.0	333.33	22.222	90.000
.1	11.20	4.074	3.025	.1	344.54	22.593	93.025
.2	13.33	4.444	3.600	.2	355.93	22.963	96.100
.3	15.65	4.815	4.225	.3	367.50	23.333	99.225
.4	18.15	5.185	4.900	.4	379.26	23.704	102.400
.5	20.83	5.556	5.625	.5	391.20	24.074	105.625
.6	23.70	5.926	6.400	.6	403.33	24.444	108.900
.7	26.76	6.296	7.225	.7	415.65	24.815	112.225
.8	30.00	6.667	8.100	.8	428.15	25.185	115.600
.9	33.43	7.037	9.025	.9	440.83	25.556	119.025
2.0	37.04	7.407	10.000	7.0	453.70	25.926	122.500
.1	40.83	7.778	11.025	.1	466.76	26.296	126.025
.2	44.81	8.148	12.100	.2	480.00	26.667	129.600
.3	48.98	8.519	13.225	.3	493.43	27.037	133.225
.4	53.33	8.889	14.400	.4	507.04	27.407	136.900
.5	57.87	9.259	15.625	.5	520.83	27.778	140.625
.6	62.59	9.630	16.900	.6	534.81	28.148	144.400
.7	67.50	10.000	18.225	.7	548.98	28.519	148.225
.8	72.59	10.370	19.600	.8	563.33	28.889	152.100
.9	77.87	10.741	21.025	.9	577.87	29.259	156.025
3.0	83.33	11.111	22.500	8.0	592.59	29.630	160.000
.1	88.98	11.481	24.025	.1	607.50	30.000	164.025
.2	94.81	11.852	25.600	.2	622.59	30.370	168.100
.3	100.83	12.222	27.225	.3	637.87	30.741	172.225
.4	107.04	12.593	28.900	.4	653.33	31.111	176.400
.5	113.43	12.963	30.625	.5	668.98	31.481	180.625
.6	120.00	13.333	32.400	.6	684.81	31.852	184.900
.7	126.76	13.704	34.225	.7	700.83	32.222	189.225
.8	133.70	14.074	36.100	.8	717.04	32.593	193.600
.9	140.83	14.444	38.025	.9	733.43	32.963	198.025
4.0	148.15	14.815	40.000	9.0	750.00	33.333	202.500
.1	155.65	15.185	42.025	.1	766.76	33.704	207.025
.2	163.33	15.556	44.100	.2	783.70	34.074	211.600
.3	171.20	15.926	46.225	.3	800.83	34.444	216.225
.4	179.26	16.296	48.400	.4	818.15	34.815	220.900
.5	187.50	16.667	50.625	.5	835.65	35.185	225.625
.6	195.93	17.037	52.900	.6	853.33	35.556	230.400
.7	204.54	17.407	55.225	.7	871.20	35.926	235.225
.8	213.33	17.778	57.600	.8	889.26	36.296	240.100
.9	222.31	18.148	60.025	.9	907.50	36.667	245.025
5.0	231.48	18.519	62.500	10.0	925.93	37.037	250.000

.BLE XIV Side Slopes of Triangular Part 2 : 1 and 3 : 1

	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown. Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
	944.54	37.407	255.025	15.1	2111.20	55.926	570.025
2	963.33	37.778	260.100	.2	2139.26	56.296	577.600
3	982.31	38.148	265.225	.3	2167.50	56.667	585.225
4	1001.48	38.519	270.400	.4	2195.93	57.037	592.900
.5	1020.83	38.889	275.625	.5	2224.54	57.407	600.625
.6	1040.37	39.259	280.900	.6	2253.33	57.778	608.400
.7	1060.09	39.630	286.225	.7	2282.31	58.148	616.225
.8	1080.00	40.000	291.600	.8	2311.48	58.519	624.100
.9	1100.09	40.370	297.025	.9	2340.83	58.889	632.025
11.0	1120.37	40.741	302.500	16.0	2370.37	59.259	640.000
.1	1140.83	41.111	308.025	.1	2400.09	59.630	648.025
.2	1161.48	41.481	313.600	.2	2430.00	60.000	656.100
.3	1182.31	41.852	319.225	.3	2460.09	60.370	664.225
.4	1203.33	42.222	324.900	.4	2490.37	60.741	672.400
.5	1224.54	42.593	330.625	.5	2520.83	61.111	680.625
.6	1245.93	42.963	336.400	.6	2551.48	61.481	688.900
.7	1267.50	43.333	342.225	.7	2582.31	61.852	697.225
.8	1289.26	43.704	348.100	.8	2613.33	62.222	705.600
.9	1311.20	44.074	354.025	.9	2644.54	62.593	714.025
12.0	1333.33	44.444	360.000	17.0	2675.93	62.963	722.500
.1	1355.65	44.815	366.025	.1	2707.50	63.333	731.025
.2	1378.15	45.185	372.100	.2	2739.26	63.704	739.600
.3	1400.83	45.556	378.225	.3	2771.20	64.074	748.225
.4	1423.70	45.926	384.400	.4	2803.33	64.444	756.900
.5	1446.76	46.296	390.625	.5	2835.65	64.815	765.625
.6	1470.00	46.667	396.900	.6	2868.15	65.185	774.400
.7	1493.43	47.037	403.225	.7	2900.83	65.556	783.225
.8	1517.04	47.407	409.600	.8	2933.70	65.926	792.100
.9	1540.83	47.778	416.025	.9	2966.76	66.296	801.025
13.0	1564.81	48.148	422.500	18.0	3000.00	66.667	810.000
.1	1588.98	48.519	429.025	.1	3033.43	67.037	819.025
.2	1613.33	48.889	435.600	.2	3067.04	67.407	828.100
.3	1637.87	49.259	442.225	.3	3100.83	67.778	837.225
.4	1662.59	49.630	448.900	.4	3134.81	68.148	846.400
.5	1687.50	50.000	455.625	.5	3168.98	68.519	855.625
.6	1712.59	50.370	462.400	.6	3203.33	68.889	864.900
.7	1737.87	50.741	469.225	.7	3237.87	69.259	874.225
.8	1763.33	51.111	476.100	.8	3272.59	69.630	883.600
.9	1788.98	51.481	483.025	.9	3307.50	70.000	893 025
14.0	1814.81	51.852	490.000	19.0	3342.59	70.370	902.500
.1	1840.83	52.222	497.025	.1	3377.87	70.741	912.025
.2	1867.04	52.593	504.100	.2	3413.33	71.111	921.600
.3	1893.43	52.963	511.225	.3	3448.98	71.481	931.225
.4	1920.00	53.333	518.400	.4	3484.81	71.852	940.900
.5	1946.76	53.704	525.625	.5	3520.83	72.222	950.625
.6	1973.70	54.074	532.900	.6	3557.04	72.593	960.400
.7	2000.83	54.444	540.225	.7	3593.43	72.963	970.225
.8	2028.15	54.815	547.600	.8	3630.00	73.333	980.100
.9	2055.65	55.185	555.025	.9	3666.76	73.704	990.025
15.0	2083.33	55.556	562.500	20.0	3703.70	74.074	1000.000

TABLE XIV Side Slopes of Triangular Part 2 : 1 and 3 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
20.1	3740.83	74.444	1010.025	25.1	5833.43	92.963	1575.025
.2	3778.15	74.815	1020.100	.2	5880.00	93.333	1587.600
.3	3815.65	75.185	1030.225	.3	5926.76	93.704	1600.225
.4	3853.33	75.556	1040.400	.4	5973.70	94.074	1612.900
.5	3891.20	75.926	1050.625	.5	6020.83	94.444	1625.625
.6	3929.26	76.296	1060.900	.6	6068.15	94.815	1638.400
.7	3967.50	76.667	1071.225	.7	6115.65	95.185	1651.225
.8	4005.93	77.037	1081.600	.8	6163.33	95.556	1664.100
.9	4044.54	77.407	1092.025	.9	6211.20	95.926	1677.025
21.0	4083.33	77.778	1102.500	26.0	6259.26	96.296	1690.000
.1	4122.31	78.148	1113.025	.1	6307.50	96.667	1703.025
.2	4161.48	78.519	1123.600	.2	6355.93	97.037	1716.100
.3	4200.83	78.889	1134.225	.3	6404.54	97.407	1729.225
.4	4240.37	79.259	1144.900	.4	6453.33	97.778	1742.400
.5	4280.09	79.630	1155.625	.5	6502.31	98.148	1755.625
.6	4320.00	80.000	1166.400	.6	6551.48	98.519	1768.900
.7	4360.09	80.370	1177.225	.7	6600.83	98.889	1782.225
.8	4400.37	80.741	1188.100	.8	6650.37	99.259	1795.600
.9	4440.83	81.111	1199.025	.9	6700.09	99.630	1809.025
22.0	4481.48	81.481	1210.000	27.0	6750.00	100.000	1822.500
.1	4522.31	81.852	1221.025	.1	6800.09	100.370	1836.025
.2	4563.33	82.222	1232.100	.2	6850.37	100.741	1849.600
.3	4604.54	82.593	1243.225	.3	6900.83	101.111	1863.225
.4	4645.93	82.963	1254.400	.4	6951.48	101.481	1876.900
.5	4687.50	83.333	1265.625	.5	7002.31	101.852	1890.625
.6	4729.26	83.704	1276.900	.6	7053.33	102.222	1904.400
.7	4771.20	84.074	1288.225	.7	7104.54	102.593	1918.225
.8	4813.33	84.444	1299.600	.8	7155.93	102.963	1932.100
.9	4855.65	84.815	1311.025	.9	7207.50	103.333	1946.025
23.0	4898.15	85.185	1322.500	28.0	7259.26	103.704	1960.000
.1	4940.83	85.556	1334.025	.1	7311.20	104.074	1974.025
.2	4983.70	85.926	1345.600	.2	7363.33	104.444	1988.100
.3	5026.76	86.296	1357.225	.3	7415.65	104.815	2002.225
.4	5070.00	86.667	1368.900	.4	7468.15	105.185	2016.400
.5	5113.43	87.037	1380.625	.5	7520.83	105.556	2030.625
.6	5157.04	87.407	1392.400	.6	7573.70	105.926	2044.900
.7	5200.83	87.778	1404.225	.7	7626.76	106.296	2059.225
.8	5244.81	88.148	1416.100	.8	7680.00	106.667	2073.600
.9	5288.98	88.519	1428.025	.9	7733.43	107.037	2088.025
24.0	5333.33	88.889	1440.000	29.0	7787.04	107.407	2102.500
.1	5377.87	89.259	1452.025	.1	7840.83	107.778	2117.025
.2	5422.59	89.630	1464.100	.2	7894.81	108.148	2131.600
.3	5467.50	90.000	1476.225	.3	7948.98	108.519	2146.225
.4	5512.59	90.370	1488.400	.4	8003.33	108.889	2160.900
.5	5557.87	90.741	1500.625	.5	8057.87	109.259	2175.625
.6	5603.33	91.111	1512.900	.6	8112.59	109.630	2190.400
.7	5648.98	91.481	1525.225	.7	8167.50	110.000	2205.225
.8	5694.81	91.852	1537.600	.8	8222.59	110.370	2220.100
	10.83	92.222	1550.025	.9	8277.87	110.741	2235.025
	.04	92.593	1562.500	30.0	8333.33	111.111	2250.000

TABLE XIV Side Slopes of Triangular Part 2 : 1 and 3 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
30.1	8388.98	111.481	2265.025	35.1	11407.50	130.000	3080.025
.2	8444.81	111.852	2280.100	.2	11472.59	130.370	3097.600
.3	8500.83	112.222	2295.225	.3	11537.87	130.741	3115.225
.4	8557.04	112.593	2310.400	.4	11603.33	131.111	3132.900
.5	8613.43	112.963	2325.625	.5	11668.98	131.481	3150.625
.6	8670.00	113.333	2340.900	.6	11734.81	131.852	3168.400
.7	8726.76	113.704	2356.225	.7	11800.83	132.222	3186.225
.8	8783.70	114.074	2371.600	.8	11867.04	132.593	3204.100
.9	8840.83	114.444	2387.025	.9	11933.43	132.963	3222.025
31.0	8898.15	114.815	2402.500	36.0	12000.00	133.333	3240.000
.1	8955.65	115.185	2418.025	.1	12066.76	133.704	3258.025
.2	9013.33	115.556	2433.600	.2	12133.70	134.074	3276.100
.3	9071.20	115.926	2449.225	.3	12200.83	134.444	3294.225
.4	9129.26	116.296	2464.900	.4	12268.15	134.815	3312.400
.5	9187.50	116.667	2480.625	.5	12335.65	135.185	3330.625
.6	9245.93	117.037	2496.400	.6	12403.33	135.556	3348.900
.7	9304.54	117.407	2512.225	.7	12471.20	135.926	3367.225
.8	9363.33	117.778	2528.100	.8	12539.26	136.296	3385.600
.9	9422.31	118.148	2544.025	.9	12607.50	136.667	3404.025
32.0	9481.48	118.519	2560.000	37.0	12675.93	137.037	3422.500
.1	9540.83	118.889	2576.025	.1	12744.54	137.407	3441.025
.2	9600.37	119.259	2592.100	.2	12813.33	137.778	3459.600
.3	9660.09	119.630	2608.225	.3	12882.31	138.148	3478.225
.4	9720.00	120.000	2624.400	.4	12951.48	138.519	3496.900
.5	9780.09	120.370	2640.625	.5	13020.83	138.889	3515.625
.6	9840.37	120.741	2656.900	.6	13090.37	139.259	3534.400
.7	9900.83	121.111	2673.225	.7	13160.09	139.630	3553.225
.8	9961.48	121.481	2689.600	.8	13230.00	140.000	3572.100
.9	10022.31	121.852	2706.025	.9	13300.09	140.370	3591.025
33.0	10083.33	122.222	2722.500	38.0	13370.37	140.741	3610.000
.1	10144.54	122.593	2739.025	.1	13440.83	141.111	3629.025
.2	10205.93	122.963	2755.600	.2	13511.48	141.481	3648.100
.3	10267.50	123.333	2772.225	.3	13582.31	141.852	3667.225
.4	10329.26	123.704	2788.900	.4	13653.33	142.222	3686.400
.5	10391.20	124.074	2805.625	.5	13724.54	142.593	3705.625
.6	10453.33	124.444	2822.400	.6	13795.93	142.963	3724.900
.7	10515.65	124.815	2839.225	.7	13867.50	143.333	3744.225
.8	10578.15	125.185	2856.100	.8	13939.26	143.704	3763.600
.9	10640.83	125.556	2873.025	.9	14011.20	144.074	3783.025
34.0	10703.70	125.926	2890.000	39.0	14083.33	144.444	3802.500
.1	10766.76	126.296	2907.025	.1	14155.65	144.815	3822.025
.2	10830.00	126.667	2924.100	.2	14228.15	145.185	3841.600
.3	10893.43	127.037	2941.225	.3	14300.83	145.556	3861.225
.4	10957.04	127.407	2958.400	.4	14373.70	145.926	3880.900
.5	11020.83	127.778	2975.625	.5	14446.76	146.296	3900.625
.6	11084.81	128.148	2992.900	.6	14520.00	146.667	3920.400
.7	11148.98	128.519	3010.225	.7	14593.43	147.037	3940.225
.8	11213.33	128.889	3027.600	.8	14667.04	147.407	3960.100
.9	11277.87	129.259	3045.025	.9	14740.83	147.778	3980.025
35.0	11342.59	129.630	3062.500	40.0	14814.81	148.148	4000.000

TABLE XIV Side Slopes of Triangular Part 2 : 1 and 3 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
40.1	14888.98	148.519	4020.025	45.1	18833.43	167.037	5085.025
.2	14963.33	148.889	4040.100	.2	18917.04	167.407	5107.600
.3	15037.87	149.259	4060.225	.3	19000.83	167.778	5130.225
.4	15112.59	149.630	4080.400	.4	19084.81	168.148	5152.900
.5	15187.50	150.000	4100.625	.5	19168.98	168.519	5175.625
.6	15262.59	150.370	4120.900	.6	19253.33	168.889	5198.400
.7	15337.87	150.741	4141.225	.7	19337.87	169.259	5221.225
.8	15413.33	151.111	4161.600	.8	19422.59	169.630	5244.100
.9	15488.98	151.481	4182.025	.9	19507.50	170.000	5267.025
41.0	15564.81	151.852	4202.500	46.0	19592.59	170.370	5290.000
.1	15640.83	152.222	4223.025	.1	19677.87	170.741	5313.025
.2	15717.04	152.593	4243.600	.2	19763.33	171.111	5336.100
.3	15793.43	152.963	4264.225	.3	19848.98	171.481	5359.225
.4	15870.00	153.333	4284.900	.4	19934.81	171.852	5382.400
.5	15946.76	153.704	4305.625	.5	20020.83	172.222	5405.625
.6	16023.70	154.074	4326.400	.6	20107.04	172.593	5428.900
.7	16100.83	154.444	4347.225	.7	20193.43	172.963	5452.225
.8	16178.15	154.815	4368.100	.8	20280.00	173.333	5475.600
.9	16255.65	155.185	4389.025	.9	20366.76	173.704	5499.025
42.0	16333.33	155.556	4410.000	47.0	20453.70	174.074	5522.500
.1	16411.20	155.926	4431.025	.1	20540.83	174.444	5546.025
.2	16489.26	156.296	4452.100	.2	20628.15	174.815	5569.600
.3	16567.50	156.667	4473.225	.3	20715.65	175.185	5593.225
.4	16645.93	157.037	4494.400	.4	20803.33	175.556	5616.900
.5	16724.54	157.407	4515.625	.5	20891.20	175.926	5640.625
.6	16803.33	157.778	4536.900	.6	20979.26	176.296	5664.400
.7	16882.31	158.148	4558.225	.7	21067.50	176.667	5688.225
.8	16961.48	158.519	4579.600	.8	21155.93	177.037	5712.100
.9	17040.83	158.889	4601.025	.9	21244.54	177.407	5736.025
43.0	17120.37	159.259	4622.500	48.0	21333.33	177.778	5760.000
.1	17200.09	159.630	4644.025	.1	21422.31	178.148	5784.025
.2	17280.00	160.000	4665.600	.2	21511.48	178.519	5808.100
.3	17360.09	160.370	4687.225	.3	21600.83	178.889	5832.225
.4	17440.37	160.741	4708.900	.4	21690.37	179.259	5856.400
.5	17520.83	161.111	4730.625	.5	21780.09	179.630	5880.625
.6	17601.48	161.481	4752.400	.6	21870.00	180.000	5904.900
.7	17682.31	161.852	4774.225	.7	21960.09	180.370	5929.225
.8	17763.33	162.222	4796.100	.8	22050.37	180.741	5953.600
.9	17844.54	162.593	4818.025	.9	22140.83	181.111	5978.025
44 0	17925.93	162.963	4840.000	49.0	22231.48	181.481	6002.500
.1	18007.50	163.333	4862.025	.1	22322.31	181.852	6027.025
.2	18089.26	163.704	4884.100	.2	22413.33	182.222	6051.600
.3	18171.20	164.074	4906.225	.3	22504.54	182.593	6076.225
.4	18253.33	164.444	4928.400	.4	22595.93	182.963	6100.900
.5	18335.65	164.815	4950.625	.5	22687.50	183.333	6125.625
.6	18418.15	165.185	4972.900	.6	22779.26	183.704	6150.400
.7	18500.83	165.556	4995.225	.7	22871.20	184.074	6175.225
.8	18583.70	165.926	5017.600	.8	22963.33	184.444	6200.100
.9	18666.76	166.296	5040.025	.9	23055.65	184.815	6225.025
	50.00	166.667	5062.500	50.0	23148.15	185.185	6250.000

TABLE XIV Side Slopes of Triangular Part 2 : 1 and 3 : 1

Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part	Vertical Height in Feet	Triangular Part Cu. Yds. per 100 Ft.	Rectangular Part 1 Ft. Crown Cu. Yds. per 100 Ft.	Sq. Ft. in Cross Section Triangular Part
50.1	23240.83	185.556	6275.025	55.1	28111.20	204.074	7590.025
.2	23333.70	185.926	6300.100	.2	28213.33	204.444	7617.600
.3	23426.76	186.296	6325.225	.3	28315.65	204.815	7645.225
.4	23520.00	186.667	6350.400	.4	28418.15	205.185	7672.900
.5	23613.43	187.037	6375.625	.5	28520.83	205.556	7700.625
.6	23707.04	187.407	6400.900	.6	28623.70	205.926	7728.400
.7	23800.83	187.778	6426.225	.7	28726.76	206.296	7756.225
.8	23894.81	188.148	6451.600	.8	28830.00	206.667	7784.100
.9	23988.98	188.519	6477.025	.9	28933.43	207.037	7812.025
51.0	24083.33	188.889	6502.500	56.0	29037.04	207.407	7840.000
.1	24177.87	189.259	6528.025	.1	29140.83	207.778	7868.025
.2	24272.59	189.630	6553.600	.2	29244.81	208.148	7896.100
.3	24367.50	190.000	6579.225	.3	29348.98	208.519	7924.225
.4	24462.59	190.370	6604.900	.4	29453.33	208.889	7952.400
.5	24557.87	190.741	6630.625	.5	29557.87	209.259	7980.625
.6	24653.33	191.111	6656.400	.6	29662.59	209.630	8008.900
.7	24748.98	191.481	6682.225	.7	29767.50	210.000	8037.225
.8	24844.81	191.852	6708.100	.8	29872.59	210.370	8065.600
.9	24940.83	192.222	6734.025	.9	29977.87	210.741	8094.025
52.0	25037.04	192.593	6760.000	57.0	30083.33	211.111	8122.500
.1	25133.43	192.963	6786.025	.1	30188.98	211.481	8151.025
.2	25230.00	193.333	6812.100	.2	30294.81	211.852	8179.600
.3	25326.76	193.704	6838.225	.3	30400.83	212.222	8208.225
.4	25423.70	194.074	6864.400	.4	30507.04	212.593	8236.900
.5	25520.83	194.444	6890.625	.5	30613.43	212.963	8265.625
.6	25618.15	194.815	6916.900	.6	30720.00	213.333	8294.400
.7	25715.65	195.185	6943.225	.7	30826.76	213.704	8323.225
.8	25813.33	195.556	6969.600	.8	30933.70	214.074	8352.100
.9	25911.20	195.926	6996.025	.9	31040.83	214.444	8381.025
53.0	26009.26	196.296	7022.500	58.0	31148.15	214.815	8410.000
.1	26107.50	196.667	7049.025	.1	31255.65	215.185	8439.025
.2	26205.93	197.037	7075.600	.2	31363.33	215.556	8468.100
.3	26304.54	197.407	7102.225	.3	31471.20	215.926	8497.225
.4	26403.33	197.778	7128.900	.4	31579.26	216.296	8526.400
.5	26502.31	198.148	7155.625	.5	31687.50	216.667	8555.625
.6	26601.48	198.519	7182.400	.6	31795.93	217.037	8584.900
.7	26700.83	198.889	7209.225	.7	31904.54	217.407	8614.225
.8	26800.37	199.259	7236.100	.8	32013.33	217.778	8643.600
.9	26900.09	199.630	7263.025	.9	32122.31	218.148	8673.025
54.0	27000.00	200.000	7290.000	59.0	32231.48	218.519	8702.500
.1	27100.09	200.370	7317.025	.1	32340.83	218.889	8732.025
.2	27200.37	200.741	7344.100	.2	32450.37	219.259	8761.600
.3	27300.83	201.111	7371.225	.3	32560.09	219.630	8791.225
.4	27401.48	201.481	7398.400	.4	32670.00	220.000	8820.900
.5	27502.31	201.852	7425.625	.5	32780.09	220.370	8850.625
.6	27603.33	202 222	7452.900	.6	32890.37	220.741	8880.400
.7	27704.54	202.593	7480.225	.7	33000.83	221.111	8910.225
.8	27805.93	202.963	7507.600	.8	33111.48	221.481	8940.100
.9	27907.50	203.333	7535.025	.9	33222.31	221.852	8970.025
55.0	28009.26	203.704	7562.500	60.0	33333.33	222.222	9000.000

SECTION III

CUBIC CONTENTS, DIMENSIONS AND COMPONENT PARTS OF ROAD APPROACHES TO LEVEE EMBANKMENTS

TABLES XV TO XIX

Road Approaches with Grades of 10%, 15%, 20%, 25%, 30% Attached to Levee Embankments having Side Slopes

0 to 1 (vertical) 1 to 1 1½ to 1 2 to 1 3 to 1

Complete road approach with roadway nine feet wide

Horizontal distance in feet from toe of levee to toe of approach

Slant distance in feet from nearest edge of crown of levee to toe of approach

Component part, triangular in cross section, side slopes 2 to 1

Component part, rectangular in cross section, sides vertical, crown one foot wide

Vertical Heights 0.5 Foot to 30.0 Feet

TABLE XV Grade of Roadway 10%

Attached to Levee Having Vertical Side

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.45	5.0	5.0	0.03	0.046
1.0	1.91	10.0	10.1	0.25	0.185
1.5	4.58	15.0	15.1	0.83	0.417
2.0	8.64	20.0	20.1	1.98	0.741
2.5	14.3	25.0	25.1	3.86	1.157
3.0	21.7	30.0	30.2	6.67	1.667
3.5	31.0	35.0	35.2	10.6	2.269
4.0	42.5	40.0	40.2	15.8	2.963
4.5	56.3	45.0	45.2	22.5	3.750
5.0	72.5	50.0	50.3	30.9	4.630
5.5	91.5	55.0	55.3	41.1	5.602
6.0	113.3	60.0	60.3	53.3	6.667
6.5	138.2	65.0	65.3	67.8	7.824
7.0	166.4	70.0	70.3	84.7	9.074
7.5	197.9	75.0	75.4	104.2	10.417
8.0	233.1	80.0	80.4	126.4	11.852
8.5	272.1	85.0	85.4	151.6	13.380
9.0	315.0	90.0	90.4	180.0	15.000
9.5	362.1	95.0	95.5	211.7	16.713
10.0	413.6	100.0	100.5	246.9	18.519
10.5	469.6	105.0	105.5	285.8	20.417
11.0	530.3	110.0	110.5	328.6	22.407
11.5	595.9	115.0	115.6	375.5	24.491
12.0	666.7	120.0	120.6	426.7	26.667
12.5	742.7	125.0	125.6	482.3	28.935
13.0	824.1	130.0	130.6	542.5	31.296
13.5	911.3	135.0	135.7	607.5	33.750
14.0	1004.2	140.0	140.7	677.5	36.296
14.5	1103.2	145.0	145.7	752.7	38.935
15.0	1208.3	150.0	150.7	833.3	41.667
15.5	1319.9	155.0	155.8	919.5	44.491
16.0	1438.0	160.0	160.8	1011.4	47.407
16.5	1562.9	165.0	165.8	1109.2	50.417
17.0	1694.8	170.0	170.8	1213.1	53.519
17.5	1833.7	175.0	175.9	1323.3	56.713
18.0	1980.0	180.0	180.9	1440.0	60.000
18.5	2133.8	185.0	185.9	1563.4	63.380
19.0	2295.2	190.0	190.9	1693.6	66.852
19.5	2464.6	195.0	196.0	1830.8	70.417
20.0	2642.0	200.0	201.0	1975.3	74.074
21	3021.7	210.0	211.0	2286.7	81.667
22	3435.8	220.0	221.1	2629.1	89.630
23	3885.9	230.0	231.1	3004.2	97.963
24	4373.3	240.0	241.2	3413.3	106.667
25	4899.7	250.0	251.2	3858.0	115.741
26	5466.4	260.0	261.3	4339.8	125.185
27	6075.0	270.0	271.3	4860.0	135.000
28	6726.9	280.0	281.4	5420.2	145.185
29	7423.6	290.0	291.4	6022.0	155.741
30	8166.7	300.0	301.5	6666.7	166.667

TABLE XV Grade of Roadway 15%
Attached to Levee Having Vertical Side

Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.30	3.3	3.4	0.02	0.031
1.28	6.7	6.7	0.16	0.123
3.06	10.0	10.1	0.56	0.278
5.76	13.3	13.5	1.32	0.494
9.5	16.7	16.9	2.57	0.772
14.4	20.0	20.2	4.44	1.111
20.7	23.3	23.6	7.06	1.512
28.3	26.7	27.0	10.5	1.975
37.5	30.0	30.3	15.0	2.500
48.4	33.3	33.7	20.6	3.086
61.0	36.7	37.1	27.4	3.735
75.6	40.0	40.4	35.6	4.444
92.2	43.3	43.8	45.2	5.216
110.9	46.7	47.2	56.5	6.049
131.9	50.0	50.6	69.4	6.944
155.4	53.3	53.9	84.3	7.901
181.4	56.7	57.3	101.1	8.920
210.0	60.0	60.7	120.0	10.000
241.4	63.3	64.0	141.1	11.142
275.7	66.7	67.4	164.6	12.346
313.1	70.0	70.8	190.6	13.611
353.5	73.3	74.2	219.1	14.938
397.3	76.7	77.5	250.3	16.327
444.4	80.0	80.9	284.4	17.778
495.1	83.3	84.3	321.5	19.290
549.4	86.7	87.6	361.6	20.864
607.5	90.0	91.0	405.0	22.500
669.5	93.3	94.4	451.7	24.198
735.4	96.7	97.7	501.8	25.957
805.6	100.0	101.1	555.6	27.778
879.9	103.3	104.5	613.0	29.660
958.7	106.7	107.9	674.2	31.605
1041.9	110.0	111.2	739.4	33.611
1129.8	113.3	114.6	808.7	35.679
1222.5	116.7	118.0	882.2	37.809
1320.0	120.0	121.3	960.0	40.000
1422.5	123.3	124.7	1042.2	42.253
1530.2	126.7	128.1	1129.1	44.568
1643.1	130.0	131.5	1220.6	46.944
1761.3	133.3	134.8	1316.9	49.383
2014.4	140.0	141.6	1524.4	54.444
2290.5	146.7	148.3	1752.8	59.753
2590.6	153.3	155.0	2002.8	65.309
2915.6	160.0	161.8	2275.5	71.111
3266.5	166.7	168.5	2572.0	77.160
3644.3	173.3	175.3	2893.2	83.457
4050.0	180.0	182.0	3240.0	90.000
4484.6	186.7	188.8	3613.5	96.790
4949.1	193.3	195.5	4014.6	103.827
5444.4	200.0	202.2	4444.4	111.111

TABLE XV Grade of Roadway 20%
Attached to Levee Having Vertical Side

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.22	2.5	2.6	0.02	0.023
1.0	0.96	5.0	5.1	0.12	0.093
1.5	2.29	7.5	7.6	0.42	0.208
2.0	4.32	10.0	10.2	0.99	0.370
2.5	7.14	12.5	12.7	1.93	0.579
3.0	10.8	15.0	15.3	3.33	0.833
3.5	15.5	17.5	17.8	5.29	1.134
4.0	21.2	20.0	20.4	7.9	1.481
4.5	28.1	22.5	22.9	11.3	1.875
5.0	36.3	25.0	25.5	15.4	2.315
5.5	45.7	27.5	28.0	20.5	2.801
6.0	56.7	30.0	30.6	26.7	3.333
6.5	69.1	32.5	33.1	33.9	3.912
7.0	83.2	35.0	35.7	42.3	4.537
7.5	99.0	37.5	38.2	52.1	5.208
8.0	116.5	40.0	40.8	63.2	5.926
8.5	136.0	42.5	43.3	75.8	6.690
9.0	157.5	45.0	45.9	90.0	7.500
9.5	181.1	47.5	48.4	105 8	8.356
10.0	206.8	50.0	51.0	123.5	9.259
10.5	234.8	52.5	53.5	142.9	10.208
11.0	265.2	55.0	56.1	164.3	11.204
11.5	298.0	57.5	58.6	187.8	12.245
12.0	333.3	60.0	61.2	213.3	13.333
12.5	371.3	62.5	63.7	241.1	14.468
13.0	412.1	65.0	66.3	271.2	15.648
13.5	455.6	67.5	68.8	303 8	16.875
14.0	502.1	70.0	71.4	338.8	18.148
14.5	551.6	72.5	73.9	376.4	19.468
15.0	604.2	75.0	76.5	416.7	20.833
15.5	659.9	77.5	79.0	459.7	22.245
16.0	719.0	80.0	81.6	505.7	23.704
16.5	781.5	82.5	84.1	554.6	25.208
17.0	847.4	85.0	86.7	606.5	26.759
17.5	916.9	87.5	89.2	661.7	28.356
18.0	990.0	90.0	91.8	720.0	30.000
18.5	1066.9	92.5	94.3	781.7	31.690
19.0	1147.6	95.0	96.9	846.8	33.426
19.5	1232.3	97.5	99.4	915.4	35.208
20.0	132.10	100.0	102.0	987.7	37.037
21	1510.8	105.0	107.1	1143.3	40.833
22	1717.9	110.0	112.2	1314.6	44.815
23	1942.9	115.0	117.3	1502.1	48.981
24	2186.7	120.0	122.4	1706.7	53.333
25	2449.8	125.0	127.5	1929.0	57.870
26	2733.2	130.0	132.6	2169.9	62.593
27	3037.5	135.0	137.7	2430.0	67.500
28	3363.5	140.0	142.8	2710.1	72.593
29	3711.8	145.0	147.9	3011.0	77.870
30	4083.3	150.0	153.0	3333.3	83.333

TABLE XV Grade of Roadway 25%
Attached to Levee Having Vertical Side

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.18	2.0	2.1	0.01	0.019
1.0	0.77	4.0	4.1	0.10	0.074
1.5	1.83	6.0	6.2	0.33	0.167
2.0	3.46	8.0	8.2	0.79	0.296
2.5	5.71	10.0	10.3	1.54	0.463
3.0	8.7	12.0	12.4	2.67	0.667
3.5	12.4	14.0	14.4	4.23	0.907
4.0	17.0	16.0	16.5	6.32	1.185
4.5	22.5	18.0	18.6	9.0	1.500
5.0	29.0	20.0	20.6	12.3	1.852
5.5	36.6	22.0	22.7	16.4	2.241
6.0	45.3	24.0	24.7	21.3	2.667
6.5	55.3	26.0	26.8	27.1	3.130
7.0	66.5	28.0	28.9	33.9	3.630
7.5	79.2	30.0	30.9	41.7	4.167
8.0	93.2	32.0	33.0	50.6	4.741
8.5	108.8	34.0	35.0	60.7	5.352
9.0	126.0	36.0	37.1	72.0	6.000
9.5	144.8	38.0	39.2	84.7	6.685
10.0	165.4	40.0	41.2	98.8	7.407
10.5	187.8	42.0	43.3	114.3	8.167
11.0	212.1	44.0	45.4	131.5	8.963
11.5	238.4	46.0	47.4	150.2	9.796
12.0	266.7	48.0	49.5	170.7	10.667
12.5	297.1	50.0	51.5	192.9	11.574
13.0	329.7	52.0	53.6	217.0	12.519
13.5	364.5	54.0	55.7	243.0	13.500
14.0	401.7	56.0	57.7	271.0	14.519
14.5	441.3	58.0	59.8	301.1	15.574
15.0	483.3	60.0	61.8	333.3	16.667
15.5	528.0	62.0	63.9	367.8	17.796
16.0	575.2	64.0	66.0	404.5	18.963
16.5	625.2	66.0	68.0	443.7	20.167
17.0	677.9	68.0	70.1	485.2	21.407
17.5	733.5	70.0	72.2	529.3	22.685
18.0	792.0	72.0	74.2	576.0	24.000
18.5	853.5	74.0	76.3	625.3	25.352
19.0	918.1	76.0	78.3	677.4	26.741
19.5	985.8	78.0	80.4	732.3	28.167
20.0	1056.8	80.0	82.5	790.1	29.630
21	1208.7	84.0	86.6	914.7	32.667
22	1374.3	88.0	90.7	1051.7	35.852
23	1554.3	92.0	94.8	1201.7	39.185
24	1749.3	96.0	99.0	1365.3	42.667
25	1959.9	100.0	103.1	1543.2	46.296
26	2186.6	104.0	107.2	1735.9	50.074
27	2430.0	108.0	111.3	1944.0	54.000
28	2690.8	112.0	115.4	2168.1	58.074
29	2969.5	116.0	119.6	2408.8	62.296
30	3266.7	120.0	123.7	2666.7	66.667

TABLE XV Grade of Roadway 30%
Attached to Levee Having Vertical Side

Vertical Height in Feet.	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Lever to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.15	1.7	1.7	0.01	0.015
1.0	0.64	3.3	3.5	0.08	0.062
1.5	1.53	5.0	5.2	0.28	0.139
2.0	2.88	6.7	7.0	0.66	0.247
2.5	4.76	8.3	8.7	1.29	0.386
3.0	7.22	10.0	10.4	2.22	0.556
3.5	10.3	11.7	12.2	3.53	0.756
4.0	14.2	13.3	13.9	5.27	0.988
4.5	18.8	15.0	15.7	7.5	1.250
5.0	24.2	16.7	17.4	10.3	1.543
5.5	30.5	18.3	19.1	13.7	1.867
6.0	37.8	20.0	20.9	17.8	2.222
6.5	46.1	21.7	22.6	22.6	2.608
7.0	55.5	23.3	24.4	28.2	3.025
7.5	66.0	25.0	26.1	34.7	3.472
8.0	77.7	26.7	27.8	42.1	3.951
8.5	90.7	28.3	29.6	50.5	4.460
9.0	105.0	30.0	31.3	60.0	5.000
9.5	120.7	31.7	33.1	70.6	5.571
10.0	137.9	33.3	34.8	82.3	6.173
10.5	156.5	35.0	36.5	95.3	6.806
11.0	176.8	36.7	38.3	109.5	7.469
11.5	198.6	38.3	40.0	125.2	8.164
12.0	222.2	40.0	41.8	142.2	8.889
12.5	247.6	41.7	43.5	160.8	9.645
13.0	274.7	43.3	45.2	180.8	10.432
13.5	303.8	45.0	47.0	202.5	11.250
14.0	334.7	46.7	48.7	225.8	12.099
14.5	367.7	48.3	50.5	250.9	12.978
15.0	402.8	50.0	52.2	277.8	13.889
15.5	440.0	51.7	53.9	306.5	14.830
16.0	479.3	53.3	55.7	337.1	15.802
16.5	521.0	55.0	57.4	369.7	16.806
17.0	564.9	56.7	59.2	404.4	17.840
17.5	611.2	58.3	60.9	441.1	18.904
18.0	660.0	60.0	62.6	480.0	20.000
18.5	711.3	61.7	64.4	521.1	21.127
19.0	765.1	63.3	66.1	564.5	22.284
19.5	821.5	65.0	67.9	610.3	23.472
20.0	880.7	66.7	69.6	658.4	24.691
21	1007.2	70.0	73.1	762.2	27.222
22	1145.3	73.3	76.6	876.4	29.877
23	1295.3	76.7	80.0	1001.4	32.654
24	1457.8	80.0	83.5	1137.8	35.556
25	1633.2	83.3	87.0	1286.0	38.580
26	1822.1	86.7	90.5	1446.6	41.728
27	2025.0	90.0	94.0	1620.0	45.000
28	2242.3	93.3	97.4	1806.7	48.395
29	2474.5	96.7	100.9	2007.3	51.914
30	2722.2	100.0	104.4	2222.2	55.556

TABLE XVI Grade of Roadway 10%
Attached to Levee Having Side Slope 1 : 1

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.40	4.5	5.0	0.03	0.042
1.0	1.70	9.0	10.1	0.20	0.167
1.5	4.05	13.5	15.1	0.68	0.375
2.0	7.60	18.0	20.1	1.60	0.667
2.5	12.5	22.5	25.1	3.13	1.042
3.0	18.9	27.0	30.2	5.40	1.500
3.5	27.0	31.5	35.2	8.6	2.042
4.0	36.8	36.0	40.2	12.8	2.667
4.5	48.6	40.5	45.2	18.2	3.375
5.0	62.5	45.0	50.3	25.0	4.167
5.5	78.7	49.5	55.3	33.3	5.042
6.0	97.2	54.0	60.3	43.2	6.000
6.5	118.3	58.5	65.3	54.9	7.042
7.0	142.1	63.0	70.3	68.6	8.167
7.5	168.8	67.5	75.4	84.4	9.375
8.0	198.4	72.0	80.4	102.4	10.667
8.5	231.2	76.5	85.4	122.8	12.042
9.0	267.3	81.0	90.4	145.8	13.500
9.5	306.9	85.5	95.5	171.5	15.042
10.0	350.0	90.0	100.5	200.0	16.667
10.5	396.9	94.5	105.5	231.5	18.375
11.0	447.7	99.0	110.5	266.2	20.167
11.5	502.6	103.5	115.6	304.2	22.042
12.0	561.6	108.0	120.6	345.6	24.000
12.5	625.0	112.5	125.6	390.6	26.042
13.0	692.9	117.0	130.6	439.4	28.167
13.5	765.5	121.5	135.7	492.1	30.375
14.0	842.8	126.0	140.7	548.8	32.667
14.5	925.1	130.5	145.7	609.7	35.042
15.0	1012.5	135.0	150.7	675.0	37.500
15.5	1105.2	139.5	155.8	744.8	40.042
16.0	1203.2	144.0	160.8	819.2	42.667
16.5	1306.8	148.5	165.8	898.4	45.375
17.0	1416.1	153.0	170.8	982.6	48.167
17.5	1531.3	157.5	175.9	1071.9	51.042
18.0	1652.4	162.0	180.9	1166.4	54.000
18.5	1779.7	166.5	185.9	1266.3	57.042
19.0	1913.3	171.0	190.9	1371.8	60.167
19.5	2053.4	175.5	196.0	1483.0	63.375
20.0	2200.0	180.0	201.0	1600.0	66.667
21	2513.7	189.0	211.0	1852.2	73.500
22	2855.6	198.0	221.1	2129.6	80.667
23	3226.9	207.0	231.1	2433.4	88.167
24	3628.8	216.0	241.2	2764.8	96.000
25	4062.5	225.0	251.2	3125.0	104.167
26	4529.2	234.0	261.3	3515.2	112.667
27	5030.1	243.0	271.3	3936.6	121.500
28	5566.4	252.0	281.4	4390.4	130.667
29	6139.3	261.0	291.4	4877.8	140.167
30	6750.0	270.0	301.5	5400.0	150.000

TABLE XVI Grade of Roadway 15%
Attached to Levee Having Side Slope 1 : 1

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.25	2.8	3.4	0.01	0.026
1.0	1.06	5.7	6.7	0.12	0.105
1.5	2.53	8.5	10.1	0.40	0.236
2.0	4.73	11.3	13.5	0.95	0.420
2.5	7.76	14.2	16.9	1.86	0.656
3.0	11.7	17.0	20.2	3.21	0.944
3.5	16.7	19.8	23.6	5.10	1.285
4.0	22.7	22.7	27.0	7.6	1.679
4.5	30.0	25.5	30.3	10.8	2.125
5.0	38.5	28.3	33.7	14.9	2.623
5.5	48.4	31.2	37.1	19.8	3.174
6.0	59.7	34.0	40.4	25.7	3.778
6.5	72.6	36.8	43.8	32.7	4.434
7.0	87.1	39.7	47.2	40.8	5.142
7.5	103.3	42.5	50.6	50.2	5.903
8.0	121.3	45.3	53.9	60.9	6.716
8.5	141.3	48.2	57.3	73.0	7.582
9.0	163.2	51.0	60.7	86.7	8.500
9.5	187.2	53.8	64.0	102.0	9.471
10.0	213.4	56.7	67.4	118.9	10.494
10.5	241.8	59.5	70.8	137.7	11.569
11.0	272.6	62.3	74.2	158.3	12.698
11.5	305.8	65.2	77.5	180.9	13.878
12.0	341.5	68.0	80.9	205.5	15.111
12.5	379.9	70.8	84.3	232.3	16.397
13.0	420.9	73.7	87.6	261.3	17.735
13.5	464.7	76.5	91.0	292.6	19.125
14.0	511.5	79.3	94.4	326.3	20.568
14.5	561.1	82.2	97.7	362.6	22.063
15.0	613.9	85.0	101.1	401.4	23.611
15.5	669.8	87.8	104.5	442.9	25.211
16.0	728.9	90.7	107.9	487.1	26.864
16.5	791.4	93.5	111.2	534.2	28.569
17.0	857.2	96.3	114.6	584.3	30.327
17.5	926.6	99.2	118.0	637.4	32.137
18.0	999.6	102.0	121.3	693.6	34.000
18.5	1076.3	104.8	124.7	753.0	35.915
19.0	1156.7	107.7	128.1	815.7	37.883
19.5	1241.0	110.5	131.5	881.9	39.903
20.0	1329.2	113.3	134.8	951.4	41.975
21	1517.9	119.0	141.6	1101.4	46.278
22	1723.5	124.7	148.3	1266.4	50.790
23	1946.6	130.3	155.0	1447.0	55.512
24	2188.1	136.0	161.8	1644.1	60.444
25	2448.6	141.7	168.5	1858.3	65.586
26	2728.8	147.3	175.3	2090.3	70.938
27	3029.4	153.0	182.0	2340.9	76.500
28	3351.2	158.7	188.8	2610.8	82.272
29	3694.9	164.3	195.5	2900.6	88.253
	4061.1	170.0	202.2	3211.1	94.444

TABLE XVI Grade of Roadway 20%
Attached to Levee Having Side Slope 1 : 1

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.18	2.0	2.6	0.01	0.019
1.0	0.75	4.0	5.1	0.08	0.074
1.5	1.77	6.0	7.6	0.27	0.167
2.0	3.30	8.0	10.2	0.63	0.296
2.5	5.40	10.0	12.7	1.23	0.463
3.0	8.1	12.0	15.3	2.13	0.667
3.5	11.6	14.0	17.8	3.39	0.907
4.0	15.7	16.0	20.4	5.06	1.185
4.5	20.7	18.0	22.9	7.2	1.500
5.0	26.5	20.0	25.5	9.9	1.852
5.5	33.3	22.0	28.0	13.1	2.241
6.0	41.1	24.0	30.6	17.1	2.667
6.5	49.9	26.0	33.1	21.7	3.130
7.0	59.8	28.0	35.7	27.1	3.630
7.5	70.8	30.0	38.2	33.3	4.167
8.0	83.1	32.0	40.8	40.5	4.741
8.5	96.7	34.0	43.3	48.5	5.352
9.0	111.6	36.0	45.9	57.6	6.000
9.5	127.9	38.0	48.4	67.7	6.685
10.0	145.7	40.0	51.0	79.0	7.407
10.5	165.0	42.0	53.5	91.5	8.167
11.0	185.8	44.0	56.1	105.2	8.963
11.5	208.3	46.0	58.6	120.2	9.796
12.0	232.5	48.0	61.2	136.5	10.667
12.5	258.5	50.0	63.7	154.3	11.574
13.0	286.3	52.0	66.3	173.6	12.519
13.5	315.9	54.0	68.8	194.4	13.500
14.0	347.5	56.0	71.4	216.8	14.519
14.5	381.0	58.0	73.9	240.9	15.574
15.0	416.7	60.0	76.5	266.7	16.667
15.5	454.4	62.0	79.0	294.2	17.796
16.0	494.3	64.0	81.6	323.6	18.963
16.5	536.4	66.0	84.1	354.9	20.167
17.0	580.9	68.0	86.7	388.2	21.407
17.5	627.6	70.0	89.2	423.5	22.685
18.0	676.8	72.0	91.8	460.8	24.000
18.5	728.4	74.0	94.3	500.3	25.352
19.0	782.6	76.0	96.9	541.9	26.741
19.5	839.4	78.0	99.4	585.9	28.167
20.0	898.8	80.0	102.0	632.1	29.630
21	1025.7	84.0	107.1	731.7	32.667
22	1164.0	88.0	112.2	841.3	35.852
23	1314.0	92.0	117.3	961.3	39.185
24	1476.3	96.0	122.4	1092.3	42.667
25	1651.2	100.0	127.5	1234.6	46.296
26	1839.4	104.0	132.6	1388.7	50.074
27	2041.2	108.0	137.7	1555.2	54.000
28	2257.1	112.0	142.8	1734.5	58.074
29	2487.7	116.0	147.9	1927.0	62.296
30	2733.3	120.0	153.0	2133.3	66.667

TABLE XVI Grade of Roadway 25% Attached to Levee Having Side Slope 1 : 1

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.13	1.5	2.1	0.01	0.014
1.0	0.56	3.0	4.1	0.06	0.056
1.5	1.31	4.5	6.2	0.19	0.125
2.0	2.44	6.0	8.2	0.44	0.222
2.5	3.99	7.5	10.3	0.87	0.347
3.0	6.00	9.0	12.4	1.50	0.500
3.5	8.5	10.5	14.4	2.38	0.681
4.0	11.6	12.0	16.5	3.56	0.889
4.5	15.2	13.5	18.6	5.06	1.125
5.0	19.4	15.0	20.6	6.9	1.389
5.5	24.4	16.5	22.7	9.2	1.681
6.0	30.0	18.0	24.7	12.0	2.000
6.5	36.4	19.5	26.8	15.3	2.347
7.0	43.6	21.0	28.9	19.1	2.722
7.5	51.6	22.5	30.9	23.4	3.125
8.0	60.4	24.0	33.0	28.4	3.556
8.5	70.2	25.5	35.0	34.1	4.014
9.0	81.0	27.0	37.1	40.5	4.500
9.5	92.8	28.5	39.2	47.6	5.014
10.0	105.6	30.0	41.2	55.6	5.556
10.5	119.4	31.5	43.3	64.3	6.125
11.0	134.4	33.0	45.4	73.9	6.722
11.5	150.6	34.5	47.4	84.5	7.347
12.0	168.0	36.0	49.5	96.0	8.000
12.5	186.6	37.5	51.5	108.5	8.681
13.0	206.6	39.0	53.6	122.1	9.389
13.5	227.8	40.5	55.7	136.7	10.125
14.0	250.4	42.0	57.7	152.4	10.889
14.5	274.5	43.5	59.8	169.4	11.681
15.0	300.0	45.0	61.8	187.5	12.500
15.5	327.0	46.5	63.9	206.9	13.347
16.0	355.6	48.0	66.0	227.6	14.222
16.5	385.7	49.5	68.0	249.6	15.125
17.0	417.4	51.0	70.1	272.9	16.056
17.5	450.9	52.5	72.2	297.7	17.014
18.0	486.0	54.0	74.2	324.0	18.000
18.5	522.9	55.5	76.3	351.8	19.014
19.0	561.6	57.0	78.3	381.1	20.056
19.5	602.1	58.5	80.4	411.9	21.125
20.0	644.4	60.0	82.5	444.4	22.222
21	735.0	63.0	86.6	514.5	24.500
22	833.6	66.0	90.7	591.6	26.889
23	940.4	69.0	94.8	675.9	29.389
24	1056.0	72.0	99.0	768.0	32.000
25	1180.6	75.0	103.1	868.1	34.722
26	1314.4	78.0	107.2	976.4	37.556
27	1458.0	81.0	111.3	1093.5	40.500
28	1611.6	84.0	115.4	1219.6	43.556
29	1775.4	87.0	119.6	1354.9	46.722
30	1950.0	90.0	123.7	1500.0	50.000

TABLE XVI Grade of Roadway 30%
Attached to Levee Having Side Slope 1 : 1

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.10	1.2	1.7	0.01	0.011
1.0	0.43	2.3	3.5	0.04	0.043
1.5	1.01	3.5	5.2	0.14	0.097
2.0	1.88	4.7	7.0	0.32	0.173
2.5	3.06	5.8	8.7	0.63	0.270
3.0	4.59	7.0	10.4	1.09	0.389
3.5	6.49	8.2	12.2	1.73	0.529
4.0	8.8	9.3	13.9	2.58	0.691
4.5	11.6	10.5	15.7	3.68	0.875
5.0	14.8	11.7	17.4	5.04	1.080
5.5	18.5	12.8	19.1	6.7	1.307
6.0	22.7	14.0	20.9	8.7	1.556
6.5	27.5	15.2	22.6	11.1	1.826
7.0	32.9	16.3	24.4	13.8	2.117
7.5	38.9	17.5	26.1	17.0	2.431
8.0	45.5	18.7	27.8	20.6	2.765
8.5	52.9	19.8	29.6	24.8	3.122
9.0	60.9	21.0	31.3	29.4	3.500
9.5	69.7	22.2	33.1	34.6	3.900
10.0	79.2	23.3	34.8	40.3	4.321
10.5	89.6	24.5	36.5	46.7	4.764
11.0	100.7	25.7	38.3	53.7	5.228
11.5	112.8	26.8	40.0	61.3	5.715
12.0	125.7	28.0	41.8	69.7	6.222
12.5	139.5	29.2	43.5	78.8	6.752
13.0	154.3	30.3	45.2	88.6	7.302
13.5	170.1	31.5	47.0	99.2	7.875
14.0	186.9	32.7	48.7	110.7	8.469
14.5	204.7	33.8	50.5	122.9	9.085
15.0	223.6	35.0	52.2	136.1	9.722
15.5	243.6	36.2	53.9	150.2	10.381
16.0	264.7	37.3	55.7	165.2	11.062
16.5	287.0	38.5	57.4	181.2	11.764
17.0	310.5	39.7	59.2	198.1	12.488
17.5	335.2	40.8	60.9	216.1	13.233
18.0	361.2	42.0	62.6	235.2	14.000
18.5	388.4	43.2	64.4	255.3	14.789
19.0	417.0	44.3	66.1	276.6	15.599
19.5	446.9	45.5	67.9	299.0	16.431
20.0	478.2	46.7	69.6	322.6	17.284
21	545.0	49.0	73.1	373.5	19.056
22	617.6	51.3	76.6	429.4	20.914
23	696.4	53.7	80.0	490.7	22.858
24	781.5	56.0	83.5	557.5	24.889
25	873.2	58.3	87.0	630.1	27.006
26	971.7	60.7	90.5	708.8	29.210
27	1077.3	63.0	94.0	793.8	31.500
28	1190.2	65.3	97.4	885.3	33.877
29	1310.6	67.7	100.9	983.6	36.340
30	1438.9	70.0	104.4	1088.9	38.889

TABLE XVII Grade of Roadway 10%
Attached to Levee Having Side Slope 1½ : 1

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.38	4.3	5.0	0.02	0.039
1.0	1.60	8.5	10.1	0.18	0.157
1.5	3.79	12.8	15.1	0.60	0.354
2.0	7.09	17.0	20.1	1.43	0.630
2.5	11.6	21.3	25.1	2.79	0.984
3.0	17.6	25.5	30.2	4.82	1.417
3.5	25.0	29.8	35.2	7.65	1.928
4.0	34.1	34.0	40.2	11.4	2.519
4.5	44.9	38.3	45.2	16.3	3.188
5.0	57.7	42.5	50.3	22.3	3.935
5.5	72.5	46.8	55.3	29.7	4.762
6.0	89.5	51.0	60.3	38.5	5.667
6.5	108.8	55.3	65.3	49.0	6.650
7.0	130.6	59.5	70.3	61.2	7.713
7.5	154.9	63.8	75.4	75.3	8.854
8.0	182.0	68.0	80.4	91.3	10.074
8.5	211.9	72.3	85.4	109.6	11.373
9.0	244.8	76.5	90.4	130.1	12.750
9.5	280.8	80.8	95.5	153.0	14.206
10.0	320.1	85.0	100.5	178.4	15.741
10.5	362.7	89.3	105.5	206.5	17.354
11.0	408.9	93.5	110.5	237.4	19.046
11.5	458.7	97.8	115.6	271.3	20.817
12.0	512.3	102.0	120.6	308.3	22.667
12.5	569.8	106.3	125.6	348.4	24.595
13.0	631.4	110.5	130.6	391.9	26.602
13.5	697.1	114.8	135.7	438.9	28.687
14.0	767.2	119.0	140.7	489.5	30.852
14.5	841.7	123.3	145.7	543.9	33.095
15.0	920.8	127.5	150.7	602.1	35.417
15.5	1004.7	131.8	155.8	664.3	37.817
16.0	1093.4	136.0	160.8	730.7	40.296
16.5	1187.1	140.3	165.8	801.4	42.854
17.0	1285.9	144.5	170.8	876.5	45.491
17.5	1389.9	148.8	175.9	956.1	48.206
18.0	1499.4	153.0	180.9	1040.4	51.000
18.5	1614.4	157.3	185.9	1129.5	53.873
19.0	1735.0	161.5	190.9	1223.6	56.824
19.5	1861.5	165.8	196.0	1322.8	59.854
20.0	1993.8	170.0	201.0	1427.2	62.963
21	2276.9	178.5	211.0	1652.1	69.417
22	2585.2	187.0	221.1	1899.6	76.185
23	2919.9	195.5	231.1	2170.5	83.269
24	3282.1	204.0	241.2	2466.1	90.667
25	3672.8	212.5	251.2	2787.4	98.380
26	4093.1	221.0	261.3	3135.5	106.407
27	4544.1	229.5	271.3	3511.4	114.750
28	5026.8	238.0	281.4	3916.1	123.407
29	5542.3	246.5	291.4	4350.9	132.380
30	6091.7	255.0	301.5	4816.7	141.667

TABLE XVII Grade of Roadway 15%
Attached to Levee Having Side Slope 1½ · 1

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.23	2.6	3.4	0.01	0.024
1.0	0.96	5.2	6.7	0.10	0.096
1.5	2.27	7.8	10.1	0.33	0.215
2.0	4.24	10.3	13.5	0.79	0.383
2.5	6.93	12.9	16.9	1.54	0.598
3.0	10.4	15.5	20.2	2.67	0.861
3.5	14.8	18.1	23.6	4.24	1.172
4.0	20.1	20.7	27.0	6.33	1.531
4.5	26.4	23.3	30.3	9.0	1.938
5.0	33.9	25.8	33.7	12.4	2.392
5.5	42.5	29.4	37.1	16.4	2.894
6.0	52.4	32.0	40.4	21.4	3.444
6.5	63.5	34.6	43.8	27.2	4.042
7.0	76.1	37.2	47.2	33.9	4.688
7.5	90.1	39.8	50.6	41.7	5.382
8.0	105.7	42.3	53.9	50.6	6.123
8.5	122.9	44.9	57.3	60.7	6.913
9.0	141.8	47.5	60.7	72.1	7.750
9.5	162.5	50.1	64.0	84.8	8.635
10.0	185.0	52.7	67.4	98.9	9.568
10.5	209.4	55.3	70.8	114.5	10.549
11.0	235.8	57.8	74.2	131.6	11.577
11.5	264.2	60.4	77.5	150.4	12.654
12.0	294.8	63.0	80.9	170.8	13.778
12.5	327.7	65.6	84.3	193.1	14.950
13.0	362.7	68.2	87.6	217.2	16.170
13.5	400.2	70.8	91.0	243.3	17.438
14.0	440.1	73.3	94.4	271.3	18.753
14.5	482.5	75.9	97.7	301.4	20.117
15.0	527.4	78.5	101.1	333.7	21.528
15.5	575.1	81.1	104.5	368.2	22.987
16.0	625.4	83.7	107.9	405.0	24.494
16.5	678.6	86.3	111.2	444.1	26.049
17.0	734.6	88.8	114.6	485.7	27.651
17.5	793.6	91.4	118.0	529.9	29.302
18.0	855.6	94.0	121.3	576.6	31.000
18.5	920.7	96.6	124.7	626 0	32.746
19.0	989.0	99.2	128.1	678.1	34.540
19.5	1060.5	101.8	131.5	733.1	36.382
20.0	1135.4	104.3	134.8	790.9	38 272
21	1295.4	109.5	141.6	915.6	42.194
22	1469.5	114.7	148.3	1052.7	46.309
23	1658.5	119.8	155.0	1202.9	50.614
24	1862.8	125.0	161.8	1366.8	55.111
25	2083.0	130.2	168.5	1544.8	59.799
26	2319.8	135.3	175.3	1737.7	64.679
27	2573.8	140.5	182.0	1946.0	69.750
28	2845.5	145.7	188.8	2170.4	75.012
29	3135.5	150.8	195.5	2411.3	80.466
30	3444.4	156.0	202.2	2669.4	86.111

TABLE XVII Grade of Roadway 20%
Attached to Levee Having Side Slope 1½ : 1

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.15	1.8	2.6	0.01	0.016
1.0	0.64	3.5	5.1	0.06	0.065
1.5	1.52	5.3	7.6	0.20	0.146
2.0	2.82	7.0	10.2	0.48	0.259
2.5	4.59	8.8	12.7	0.95	0.405
3.0	6.88	10.5	15.3	1.63	0.583
3.5	9.7	12.3	17.8	2.59	0.794
4.0	13.2	14.0	20.4	3.87	1.037
4.5	17.3	15.8	22.9	5.51	1.313
5.0	22.1	17.5	25.5	7.6	1.620
5.5	27.7	19.3	28.0	10.1	1.961
6.0	34.1	21.0	30.6	13.1	2.333
6.5	41.3	22.8	33.1	16.6	2.738
7.0	49.3	24.5	35.7	20.7	3.176
7.5	58.3	26.3	38.2	25.5	3.646
8.0	68.3	28.0	40.8	31.0	4.148
8.5	79.3	29.8	43.3	37.2	4.683
9.0	91.4	31.5	45.9	44.1	5.250
9.5	104.5	33.3	48.4	51.9	5.850
10.0	118.8	35.0	51.0	60.5	6.481
10.5	134.3	36.8	53.5	70.0	7.146
11.0	151.1	38.5	56.1	80.5	7.843
11.5	169.1	40.3	58.6	92.0	8.572
12.0	188.5	42.0	61.2	104.5	9.333
12.5	209.3	43.8	63.7	118.2	10.127
13.0	231.5	45.5	66.3	132.9	10.954
13.5	255.2	47.3	68.8	148.8	11.813
14.0	280.3	49.0	71.4	166.0	12.704
14.5	307.1	50.8	73.9	184.4	13.627
15.0	335.4	52.5	76.5	204.2	14.583
15.5	365.4	54.3	79.0	225.3	15.572
16.0	397.1	56.0	81.6	247.8	16.593
16.5	430.6	57.8	84.1	271.7	17.646
17.0	465.8	59.5	86.7	297.2	18.731
17.5	502.9	61.3	89.2	324.2	19.850
18.0	541.8	63.0	91.8	352.8	21.000
18.5	582.7	64.8	94.3	383.0	22.183
19.0	625.5	66.5	96.9	414.9	23.398
19.5	670.4	68.3	99.4	448.6	24.646
20.0	717.3	70.0	102.0	484.0	25.926
21	817.5	73.5	107.1	560.2	28.583
22	926.5	77.0	112.2	644.1	31.370
23	1044.6	80.5	117.3	736.0	34.287
24	1172.3	84.0	122.4	836.3	37.333
25	1309.8	87.5	127.5	945.2	40.509
26	1457.6	91.0	132.6	1063.2	43.815
27	1616.0	94.5	137.7	1190.7	47.250
28	1785.3	98.0	142.8	1328.0	50.815
29	1966.0	101.5	147.9	1475.4	54.509
30	2158.3	105.0	153.0	1633.3	58.333

TABLE XVII Grade of Roadway 25%
Attached to Levee Having Side Slope 1½ : 1

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.11	1.3	2.1	0.00	0.012
1.0	0.46	2.5	4.1	0.04	0.046
1.5	1.07	3.8	6.2	0.13	0.104
2.0	1.98	5.0	8.2	0.31	0.185
2.5	3.21	6.3	10.3	0.60	0.289
3.0	4.79	7.5	12.4	1.04	0.417
3.5	6.76	8.8	14.4	1.65	0.567
4.0	9.1	10.0	16.5	2.47	0.741
4.5	12.0	11.3	18.6	3.52	0.938
5.0	15.2	12.5	20.6	4.82	1.157
5.5	19.0	13.8	22.7	6.42	1.400
6.0	23.3	15.0	24.7	8.3	1.667
6.5	28.2	16.3	26.8	10.6	1.956
7.0	33.6	17.5	28.9	13.2	2.269
7.5	39.7	18.8	30.9	16.3	2.604
8.0	46.4	20.0	33.0	19.8	2.963
8.5	53.8	21.3	35.0	23.7	3.345
9.0	61.9	22.5	37.1	28.1	3.750
9.5	70.7	23.8	39.2	33.1	4.178
10.0	80.2	25.0	41.2	38.6	4.630
10.5	90.6	26.3	43.3	44.7	5.104
11.0	101.8	27.5	45.4	51.4	5.602
11.5	113.8	28.8	47.4	58.7	6.123
12.0	126.7	30.0	49.5	66.7	6.667
12.5	140.5	31.3	51.5	75.4	7.234
13.0	155.2	32.5	53.6	84.8	7.824
13.5	170.9	33.8	55.7	94.9	8.438
14.0	187.5	35.0	57.7	105.9	9.074
14.5	205.2	36.3	59.8	117.6	9.734
15.0	224.0	37.5	61.8	130.2	10.417
15.5	243.8	38.8	63.9	143.7	11.123
16.0	264.7	40.0	66.0	158.0	11.852
16.5	286.7	41.3	68.0	173.3	12.604
17.0	310.0	42.5	70.1	189.5	13.380
17.5	334.4	43.8	72.2	206.8	14.178
18.0	360.0	45.0	74.2	225.0	15.000
18.5	386.9	46.3	76.3	244.3	15.845
19.0	415.0	47.5	78.3	264.6	16.713
19.5	444.5	48.8	80.4	286.1	17.604
20.0	475.3	50.0	82.5	308.6	18.519
21	541.0	52.5	86.6	357.3	20.417
22	612.5	55.0	90.7	410.8	22.407
23	689.8	57.5	94.8	469.4	24.491
24	773.3	60.0	99.0	533.3	26.667
25	863.2	62.5	103.1	602.8	28.935
26	959.8	65.0	107.2	678.1	31.296
27	1063.1	67.5	111.3	759.4	33.750
28	1173.6	70.0	115.4	846.9	36.296
29	1291.4	72.5	119.6	940.9	38.935
30	1416.7	75.0	123.7	1041.7	41.667

TABLE XVII Grade of Roadway 30%
Attached to Levee Having Side Slope 1½ : 1

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds
0.5	0.08	0.9	1.7	0.00	0.008
1.0	0.33	1.8	3.5	0.02	0.034
1.5	0.77	2.8	5.2	0.08	0.076
2.0	1.42	3.7	7.0	0.20	0.136
2.5	2.30	4.6	8.7	0.39	0.212
3.0	3.42	5.5	10.4	0.67	0.306
3.5	4.81	6.4	12.2	1.07	0.416
4.0	6.48	7.3	13.9	1.59	0.543
4.5	8.5	8.3	15.7	2.27	0.688
5.0	10.8	9.2	17.4	3.11	0.849
5.5	13.4	10.1	19.1	4.14	1.027
6.0	16.4	11.0	20.9	5.38	1.222
6.5	19.7	11.9	22.6	6.8	1.434
7.0	23.5	12.8	24.4	8.5	1.664
7.5	27.7	13.8	26.1	10.5	1.910
8.0	32.3	14.7	27.8	12.7	2.173
8.5	37.4	15.6	29.6	15.3	2.453
9.0	42.9	16.5	31.3	18.2	2.750
9.5	48.9	17.4	33.1	21.3	3.064
10.0	55.5	18.3	34.8	24.9	3.395
10.5	62.5	19.3	36.5	28.8	3.743
11.0	70.1	20.2	38.3	33.1	4.108
11.5	78.3	21.1	40.0	37.9	4.490
12.0	87.0	22.0	41.8	43.0	4.889
12.5	96.4	22.9	43.5	48.6	5.305
13.0	106.3	23.8	45.2	54.7	5.738
13.5	116.9	24.8	47.0	61.3	6.188
14.0	128.2	25.7	48.7	68.3	6.654
14.5	140.1	26.6	50.5	75.9	7.138
15.0	152.8	27.5	52.2	84.0	7.639
15.5	166.1	28.4	53.9	92.7	8.157
16.0	180.2	29.3	55.7	102.0	8.691
16.5	195.0	30.3	57.4	111.8	9.243
17.0	210.6	31.2	59.2	122.3	9.812
17.5	227.0	32.1	60.9	133.4	10.397
18.0	244.2	33.0	62.6	145.2	11.000
18.5	262.2	33.9	64.4	157.6	11.620
19.0	281.1	34.8	66.1	170.8	12.256
19.5	300.8	35.8	67.9	184.6	12.910
20.0	321.4	36.7	69.6	199.2	13.580
21	365.3	38.5	73.1	230.6	14.972
22	413.0	40.3	76.6	265.1	16.432
23	464.6	42.2	80.0	302.9	17.960
24	520.2	44.0	83.5	344.2	19.556
25	580.0	45.8	87.0	389.0	21.219
26	644.1	47.7	90.5	437.6	22.951
27	712.8	49.5	94.0	490.1	24.750
28	786.1	51.3	97.4	546.5	26.617
29	864.2	53.2	100.9	607.2	28.552
	947.2	55.0	104.4	672.2	30.556

TABLE XVIII Grade of Roadway 10%
Attached to Levee Having Side Slope 2 1

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.35	4.0	5.0	0.02	0.037
1.0	1.49	8.0	10.1	0.16	0.148
1.5	3.53	12.0	15.1	0.53	0.333
2.0	6.60	16.0	20.1	1.26	0.593
2.5	10.8	20.0	25.1	2.47	0.926
3.0	16.3	24.0	30.2	4.27	1.333
3.5	23.1	28.0	35.2	6.78	1.815
4.0	31.4	32.0	40.2	10.1	2.370
4.5	41.4	36.0	45.2	14.4	3.000
5.0	53.1	40.0	50.3	19.8	3.704
5.5	66.6	44.0	55.3	26.3	4.481
6.0	82.1	48.0	60.3	34.1	5.333
6.5	99.7	52.0	65.3	43.4	6.259
7.0	119.5	56.0	70.3	54.2	7.259
7.5	141.7	60.0	75.4	66.7	8.333
8.0	166.2	64.0	80.4	80.9	9.481
8.5	193.4	68.0	85.4	97.0	10.704
9.0	223.2	72.0	90.4	115.2	12.000
9.5	255.8	76.0	95.5	135.5	13.370
10.0	291.4	80.0	100.5	158.0	14.815
10.5	329.9	84.0	105.5	182.9	16.333
11.0	371.7	88.0	110.5	210.3	17.926
11.5	416.7	92.0	115.6	240.3	19.593
12.0	465.1	96.0	120.6	273.1	21.333
12.5	517.0	100.0	125.6	308.6	23.148
13.0	572.5	104.0	130.6	347.2	25.037
13.5	631.8	108.0	135.7	388.8	27.000
14.0	695.0	112.0	140.7	433.6	29.037
14.5	762.1	116.0	145.7	481.8	31.148
15.0	833.3	120.0	150.7	533.3	33.333
15.5	908.8	124.0	155.8	588.5	35.593
16.0	988.6	128.0	160.8	647.3	37.926
16.5	1072.9	132.0	165.8	709.9	40.333
17.0	1161.7	136.0	170.8	776.4	42.815
17.5	1255.2	140.0	175.9	846.9	45.370
18.0	1353.6	144.0	180.9	921.6	48.000
18.5	1456.9	148.0	185.9	1000.6	50.704
19.0	1565.2	152.0	190.9	1083.9	53.481
19.5	1678.7	156.0	196.0	1171.7	56.333
20.0	1797.5	160.0	201.0	1264.2	59.259
21	2051.5	168.0	211.0	1463.5	65.333
22	2328.0	176.0	221.1	1682.6	71.704
23	2628.0	184.0	231.1	1922.7	78.370
24	2952.5	192.0	241.2	2184.5	85.333
25	3302.5	200.0	251.2	2469.1	92.593
26	3678.8	208.0	261.3	2777.4	100.148
27	4082.4	216.0	271.3	3110.4	108.000
28	4514.3	224.0	281.4	3469.0	116.148
29	4975.4	232.0	291.4	3854.1	124.593
30	5466.7	240.0	301.5	4266.7	133.333

TABLE XVIII Grade of Roadway 15%
Attached to Levee Having Side Slope 2 : 1

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.20	2.3	3.4	0.01	0.022
1.0	0.86	4.7	6.7	0.08	0.086
1.5	2.02	7.0	10.1	0.27	0.194
2.0	3.76	9.3	13.5	0.65	0.346
2.5	6.12	11.7	16.9	1.26	0.540
3.0	9.2	14.0	20.2	2.18	0.778
3.5	13.0	16.3	23.6	3.46	1.059
4.0	17.6	18.7	27.0	5.16	1.383
4.5	23.1	21.0	30.3	7.4	1.750
5.0	29.5	23.3	33.7	10.1	2.160
5.5	36.9	25.7	37.1	13.4	2.614
6.0	45.4	28.0	40.4	17.4	3.111
6.5	55.0	30.3	43.8	22.2	3.651
7.0	65.8	32.7	47.2	27.7	4.235
7.5	77.8	35.0	50.6	34.0	4.861
8.0	91.1	37.3	53.9	41.3	5.531
8.5	105.7	39.7	57.3	49.5	6.244
9.0	121.8	42.0	60.7	58.8	7.000
9.5	139.3	44.3	64.0	69.2	7.799
10.0	158.4	46.7	67.4	80.7	8.642
10.5	179.1	49.0	70.8	93.4	9.528
11.0	201.5	51.3	74.2	107.4	10.457
11.5	225.5	53.7	77.5	122.7	11.429
12.0	251.4	56.0	80.9	139.4	12.444
12.5	279.1	58.3	84.3	157.5	13.503
13.0	308.7	60.7	87.6	177.2	14.605
13.5	340.2	63.0	91.0	198.5	15.750
14.0	373.8	65.3	94.4	221.3	16.938
14.5	409.4	67.7	97.7	245.9	18.170
15.0	447.2	70.0	101.1	272.2	19.444
15.5	487.2	72.3	104.5	300.4	20.762
16.0	529.5	74.7	107.9	330.4	22.123
16.5	574.1	77.0	111.2	362.3	23.528
17.0	621.1	79.3	114.6	396.3	24.975
17.5	670.5	81.7	118.0	432.3	26.466
18.0	722.4	84.0	121.3	470.4	28.000
18.5	776.9	86.3	124.7	510.7	29.577
19.0	834.0	88.7	128.1	553.2	31.198
19.5	893.8	91.0	131.5	598.1	32.861
20.0	956.4	93.3	134.8	645.3	34.568
21	1090.0	98.0	141.6	747.0	38.111
22	1235.3	102.7	148.3	858.9	41.827
23	1392.8	107.3	155.0	981.4	45.716
24	1563.0	112.0	161.8	1115.0	49.778
25	1746.4	116.7	168.5	1260.3	54.012
26	1943.4	121.3	175.3	1417.7	58.420
27	2154.6	126.0	182.0	1587.6	63.000
28	2380.4	130.7	188.8	1770.6	67.753
29	2621.3	135.3	195.5	1967.2	72.679
30	2877.8	140.0	202.2	2177.8	77.778

TABLE XVIII Grade of Roadway 20%
Attached to Levee Having Side Slope 2 1

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.13	1.5	2.6	0.01	0.014
1.0	0.54	3.0	5.1	0.04	0.056
1.5	1.28	4.5	7.6	0.15	0.125
2.0	2.36	6.0	10.2	0.36	0.222
2.5	3.82	7.5	12.7	0.69	0.347
3.0	5.70	9.0	15.3	1.20	0.500
3.5	8.0	10.5	17.8	1.91	0.681
4.0	10.8	12.0	20.4	2.84	0.889
4.5	14.2	13.5	22.9	4.05	1.125
5.0	18.1	15.0	25.5	5.56	1.389
5.5	22.5	16.5	28.0	7.4	1.681
6.0	27.6	18.0	30.6	9.6	2.000
6.5	33.3	19.5	33.1	12.2	2.347
7.0	39.7	21.0	35.7	15.2	2.722
7.5	46.9	22.5	38.2	18.8	3.125
8.0	54.8	24.0	40.8	22.8	3.556
8.5	63.4	25.5	43.3	27.3	4.014
9.0	72.9	27.0	45.9	32.4	4.500
9.5	83.2	28.5	48.4	38.1	5.014
10.0	94.4	30.0	51.0	44.4	5.556
10.5	106.6	31.5	53.5	51.5	6.125
11.0	119.7	33.0	56.1	59.2	6.722
11.5	133.7	34.5	58.6	67.6	7.347
12.0	148.8	36.0	61.2	76.8	8.000
12.5	164.9	37.5	63.7	86.8	8.681
13.0	182.1	39.0	66.3	97.6	9.389
13.5	200.5	40.5	68.8	109.4	10.125
14.0	220.0	42.0	71.4	122.0	10.889
14.5	240.6	43.5	73.9	135.5	11.681
15.0	262.5	45.0	76.5	150.0	12.500
15.5	285.6	46.5	79.0	165.5	13.347
16.0	310.0	48.0	81.6	182.0	14.222
16.5	335.8	49.5	84.1	199.7	15.125
17.0	362.9	51.0	86.7	218.4	16.056
17.5	391.3	52.5	89.2	238.2	17.014
18.0	421.2	54.0	91.8	259.2	18.000
18.5	452.5	55.5	94.3	281.4	19.014
19.0	485.3	57.0	96.9	304.8	20.056
19.5	519.7	58.5	99.4	329.6	21.125
20.0	555.6	60.0	102.0	355.6	22.222
21	632.1	63.0	107.1	411.6	24.500
22	715.2	66.0	112.2	473.2	26.889
23	805.3	69.0	117.3	540.8	29.389
24	902.4	72.0	122.4	614.4	32.000
25	1006.9	75.0	127.5	694.4	34.722
26	1119.2	78.0	132.6	781.2	37.556
27	1239.3	81.0	137.7	874.8	40.500
28	1367.6	84.0	142.8	975.6	43.556
29	1504.5	87.0	147.9	1084.0	46.722
30	1650.0	90.0	153.0	1200.0	50.000

TABLE XVIII Grade of Roadway 25%
Attached to Levee Having Side Slope 2 : 1

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.09	1.0	2.1	0.00	0.009
1.0	0.36	2.0	4.1	0.02	0.037
1.5	0.83	3.0	6.2	0.08	0.083
2.0	1.53	4.0	8.2	0.20	0.148
2.5	2.47	5.0	10.3	0.39	0.231
3.0	3.67	6.0	12.4	0.67	0.333
3.5	5.14	7.0	14.4	1.06	0.454
4.0	6.9	8.0	16.5	1.58	0.593
4.5	9.0	9.0	18.6	2.25	0.750
5.0	11.4	10.0	20.6	3.09	0.926
5.5	14.2	11.0	22.7	4.11	1.120
6.0	17.3	12.0	24.7	5.33	1.333
6.5	20.9	13.0	26.8	6.8	1.565
7.0	24.8	14.0	28.9	8.5	1.815
7.5	29.2	15.0	30.9	10.4	2.083
8.0	34.0	16.0	33.0	12.6	2.370
8.5	39.2	17.0	35.0	15.2	2.676
9.0	45.0	18.0	37.1	18.0	3.000
9.5	51.3	19.0	39.2	21.2	3.343
10.0	58.0	20.0	41.2	24.7	3.704
10.5	65.3	21.0	43.3	28.6	4.083
11.0	73.2	22.0	45.4	32.9	4.481
11.5	81.6	23.0	47.4	37.6	4.898
12.0	90.7	24.0	49.5	42.7	5.333
12.5	100.3	25.0	51.5	48.2	5.787
13.0	110.6	26.0	53.6	54.2	6.259
13.5	121.5	27.0	55.7	60.8	6.750
14.0	133.1	28.0	57.7	67.8	7.259
14.5	145.4	29.0	59.8	75.3	7.787
15.0	158.3	30.0	61.8	83.3	8.333
15.5	172.0	31.0	63.9	91.9	8.898
16.0	186.5	32.0	66.0	101.1	9.481
16.5	201.7	33.0	68.0	110.9	10.083
17.0	217.6	34.0	70.1	121.3	10.704
17.5	234.4	35.0	72.2	132.3	11.343
18.0	252.0	36.0	74.2	144.0	12.000
18.5	270.4	37.0	76.3	156.3	12.676
19.0	289.7	38.0	78.3	169.4	13.370
19.5	309.8	39.0	80.4	183.1	14.083
20.0	330.9	40.0	82.5	197.5	14.815
21	375.7	42.0	86.6	228.7	16.333
22	424.2	44.0	90.7	262.9	17.926
23	476.8	46.0	94.8	300.4	19.593
24	533.3	48.0	99.0	341.3	21.333
25	594.1	50.0	103.1	385.8	23.148
26	659.3	52.0	107.2	434.0	25.037
27	729.0	54.0	111.3	486.0	27.000
28	803.4	56.0	115.4	542.0	29.037
29	882.5	58.0	119.6	602.2	31.148
30	966.7	60.0	123.7	666.7	33.333

TABLE XVIII Grade of Roadway 30%
Attached to Levee Having Side Slope 2 1

Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.06	0.7	1.7	0.00	0.006
0.24	1.3	3.5	0.01	0.025
0.54	2.0	5.2	0.04	0.056
0.99	2.7	7.0	0.11	0.099
1.59	3.3	8.7	0.21	0.154
2.36	4.0	10.4	0.36	0.222
3.29	4.7	12.2	0 56	0.302
4.40	5.3	13.9	0.84	0.395
5.70	6.0	15.7	1.20	0.500
7.2	6.7	17.4	1.65	0.617
8.9	7.3	19.1	2.19	0.747
10.8	8.0	20.9	2.84	0.889
13.0	8.7	22.6	3.62	1.043
15.4	9.3	24.4	4.52	1.210
18.1	10.0	26.1	5.56	1.389
21.0	10.7	27.8	6.7	1.580
24.1	11.3	29.6	8.1	1.784
27.6	12.0	31.3	9.6	2.000
31.3	12.7	33.1	11.3	2.228
35.4	13.3	34.8	13.2	2.469
39.7	14.0	36.5	15.2	2.722
44.4	14.7	38.3	17.5	2.988
49.4	15.3	40.0	20.0	3.265
54.8	16.0	41.8	22.8	3.556
60.4	16.7	43.5	25.7	3.858
66.5	17.3	45.2	28.9	4.173
72.9	18.0	47.0	32.4	4.500
79.7	18.7	48.7	36.1	4.840
86.9	19.3	50.5	40.1	5.191
94.4	20.0	52.2	44.4	5.556
102.4	20.7	53.9	49.0	5.932
110.8	21.3	55.7	53.9	6.321
119.7	22.0	57.4	59.2	6.722
128.9	22.7	59.2	64.7	7.136
138.6	23.3	60.9	70.6	7.562
148.8	24.0	62.6	76.8	8.000
159.4	24.7	64.4	83.4	8.451
170.5	25.3	66.1	90.3	8.914
182.1	26.0	67.9	97.6	9.389
194.2	26.7	69.6	105.3	9.877
220.0	28.0	73.1	122.0	10.889
247.8	29.3	76.6	140.2	11.951
277.8	30.7	80.0	160.2	13.062
310.0	32.0	83.5	182.0	14.222
344.7	33.3	87.0	205.8	15.432
381.7	34.7	90.5	231.5	16.691
421.2	36.0	94.0	259.2	18.000
463.3	37.3	97.4	289.1	19.358
508.1	38.7	100.9	321.2	20.765
555.6	40.0	101.4	355.6	22.222

TABLE XIX Grade of Roadway 10%
Attached to Levee Having Side Slope 3 : 1

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.31	3.5	5.0	0.02	0.032
1.0	1.29	7.0	10.0	0.12	0.130
1.5	3.03	10.5	15.1	0.41	0.292
2.0	5.63	14.0	20.1	0.97	0.519
2.5	9.2	17.5	25.1	1.89	0.810
3.0	13.8	21.0	30.1	3.27	1.167
3.5	19.5	24.5	35.2	5.19	1.588
4.0	26.4	28.0	40.2	7.7	2.074
4.5	34.7	31.5	45.2	11.0	2.625
5.0	44.3	35.0	50.2	15.1	3.241
5.5	55.4	38.5	55.3	20.1	3.921
6.0	68.1	42.0	60.3	26.1	4.667
6.5	82.5	45.5	65.3	33.2	5.477
7.0	98.7	49.0	70.3	41.5	6.352
7.5	116.7	52.5	75.4	51.0	7.292
8.0	136.6	56.0	80.4	61 9	8.296
8.5	158.6	59.5	85.4	74.3	9.366
9.0	182.7	63.0	90.4	88.2	10.500
9.5	209.0	66.5	95.5	103.7	11.699
10.0	237.7	70.0	100.5	121.0	12.963
10.5	268.7	73.5	105.5	140.1	14.292
11.0	302.2	77.0	110.5	161.0	15.685
11.5	338.3	80.5	115.6	184.0	17.144
12.0	377.1	84 0	120.6	209.1	18.667
12.5	418.6	87.5	125.6	236.3	20.255
13.0	463.0	91.0	130.6	265.8	21.907
13.5	510.3	94.5	135.7	297.7	23.625
14.0	560.7	98.0	140.7	332.0	25.407
14.5	614.1	101.5	145.7	368.8	27.255
15.0	670.8	105.0	150.7	408.3	29.167
15.5	730.8	108.5	155.8	450.5	31.144
16.0	794.2	112.0	160.8	495.6	33.185
16.5	861.1	115.5	165.8	543.5	35.292
17.0	931.6	119.0	170.8	594.4	37.463
17.5	1005.7	122.5	175.9	648.4	39.699
18.0	1083.6	126.0	180.9	705.6	42.000
18.5	1165.3	129.5	185.9	766.0	44 366
19.0	1251.0	133.0	190.9	829.9	46.796
19.5	1340.7	136.5	196.0	897.1	49.292
20.0	1434.6	140.0	201.0	967.9	51.852
21	1635.0	147.0	211.0	1120.5	57.167
22	1852.9	154.0	221.1	1288.3	62.741
23	2089.2	161.0	231.1	1472.1	68.574
24	2344.5	168.0	241.2	1672.5	74.667
25	2619.6	175.0	251.2	1890.4	81.019
26	2915.1	182.0	261.3	2126.5	87.630
27	3231.9	189.0	271.3	2381.4	94.500
28	3570.6	196.0	281.4	2655.9	101.630
29	3931.9	203.0	291.4	2950.8	109.019
30	4316.7	210.0	301.5	3266.7	116.667

TABLE XIX Grade of Roadway 15%
Attached to Levee Having Side Slope 3 : 1

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.16	1.8	3.4	0.01	0.017
1.0	0.66	3.7	6.7	0.05	0.068
1.5	1.54	5.5	10.1	0.17	0.153
2.0	2.84	7.3	13.5	0.40	0.272
2.5	4.60	9.2	16.9	0.78	0.424
3.0	6.84	11.0	20.2	1.34	0.611
3.5	9.6	12.8	23.6	2.13	0.832
4.0	13.0	14.7	27.0	3.19	1.086
4.5	16.9	16.5	30.3	4.54	1.375
5.0	21.5	18.3	33.7	6.22	1.698
5.5	26.8	20.2	37.1	8.3	2.054
6.0	32.8	22.0	40.4	10.8	2.444
6.5	39.5	23.8	43.8	13.7	2.869
7.0	47.0	25.7	47.2	17.1	3.327
7.5	55.4	27.5	50.6	21.0	3.819
8.0	64.6	29.3	53.9	25.5	4.346
8.5	74.7	31.2	57.3	30.6	4.906
9.0	85.8	33.0	60.7	36.3	5.500
9.5	97.8	34.8	64.0	42.7	6.128
10.0	110.9	36.7	67.4	49.8	6.790
10.5	125.0	38.5	70.8	57.6	7.486
11.0	140.2	40.3	74.2	66.3	8.216
11.5	156.6	42.2	77.5	75.7	8.980
12.0	174.0	44.0	80.9	86.0	9.778
12.5	192.7	45.8	84.3	97.3	10.610
13.0	212.7	47.7	87.6	109.4	11.475
13.5	233.9	49.5	91.0	122.5	12.375
14.0	256.4	51.3	94.4	136.6	13.309
14.5	280.3	53.2	97.7	151.8	14.276
15.0	305.6	55.0	101.1	168.1	15.278
15.5	332.2	56.8	104.5	185.4	16.313
16.0	360.4	58.7	107.9	204.0	17.383
16.5	390.1	60.5	111.2	223.7	18.486
17.0	421.3	62.3	114.6	244.6	19.623
17.5	454.0	64.2	118.0	266.9	20.795
18.0	488.4	66.0	121.3	290.4	22.000
18.5	524.4	67.8	124.7	315.3	23.239
19.0	562.1	69.7	128.1	341.5	24.512
19.5	601.6	71.5	131.5	369.2	25.819
20.0	642.8	73.3	134.8	398.4	27.160
21	730.6	77.0	141.6	461.1	29.944
22	826.0	80.7	148.3	530.2	32.864
23	929.1	84.3	155.0	605.8	35.920
24	1040.4	88.0	161.8	688.4	39.111
25	1160.0	91.7	168.5	778.0	42.438
26	1288.3	95.3	175.3	875.2	45.901
27	1425.6	99.0	182.0	980.1	49.500
28	1572.2	102.7	188.8	1093.1	53.235
29	1728.4	106.3	195.5	1214.4	57.105
30	1894.4	110.0	202.2	1344.4	61.111

TABLE XIX Grade of Roadway 20%
Attached to Levee Having Side Slope 3 : 1

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.09	1.0	2.6	0.00	0.009
1.0	0.35	2.0	5.1	0.02	0.037
1.5	0.82	3.0	7.6	0.07	0.083
2.0	1.49	4.0	10.2	0.16	0.148
2.5	2.39	5.0	12.7	0.31	0.231
3.0	3.53	6.0	15.3	0.53	0.333
3.5	4.93	7.0	17.8	0.85	0.454
4.0	6.60	8.0	20.4	1.26	0.593
4.5	8.6	9.0	22.9	1.80	0.750
5.0	10.8	10.0	25.5	2.47	0.926
5.5	13.4	11.0	28.0	3.29	1.120
6.0	16.3	12.0	30.6	4.27	1.333
6.5	19.5	13.0	33.1	5.42	1.565
7.0	23.1	14.0	35.7	6.8	1.815
7.5	27.1	15.0	38.2	8.3	2.083
8.0	31.4	16.0	40.8	10.1	2.370
8.5	36.2	17.0	43.3	12.1	2.676
9.0	41.4	18.0	45.9	14.4	3.000
9.5	47.0	19.0	48.4	16.9	3.343
10.0	53.1	20.0	51.0	19.8	3.704
10.5	59.6	21.0	53.5	22.9	4.083
11.0	66.6	22.0	56.1	26.3	4.481
11.5	74.1	23.0	58.6	30.0	4.898
12.0	82.1	24.0	61.2	34.1	5.333
12.5	90.7	25.0	63.7	38.6	5.787
13.0	99.7	26.0	66.3	43.4	6.259
13.5	109.4	27.0	68.8	48.6	6.750
14.0	119.5	28.0	71.4	54.2	7.259
14.5	130.3	29.0	73.9	60.2	7.787
15.0	141.7	30.0	76.5	66.7	8.333
15.5	153.6	31.0	79.0	73.6	8.898
16.0	166.2	32.0	81.6	80.9	9.481
16.5	179.5	33.0	84.1	88.7	10.083
17.0	193.4	34.0	86.7	97.0	10.704
17.5	207.9	35.0	89.2	105.9	11.343
18.0	223.2	36.0	91.8	115.2	12.000
18.5	239.2	37.0	94.3	125.1	12.676
19.0	255.8	38.0	96.9	135.5	13.370
19.5	273.2	39.0	99.4	146.5	14.083
20.0	291.4	40.0	102.0	158.0	14.815
21	329.9	42.0	107.1	182.9	16.333
22	371.7	44.0	112.2	210.3	17.926
23	416.7	46.0	117.3	240.3	19.593
24	465.1	48.0	122.4	273.1	21.333
25	517.0	50.0	127.5	308.6	23.148
26	572.5	52.0	132.6	347.2	25.037
27	631.8	54.0	137.7	388.8	27.000
28	695.0	56.0	142.8	433.6	29.037
29	762.1	58.0	147.9	481.8	31.148
30	833.3	60.0	153.0	533.3	33.333

TABLE XIX Grade of Roadway 25%
Attached to Levee Having Side Slope 3 : 1

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.04	0.5	2.1	0.00	0.005
1.0	0.17	1.0	4.1	0.01	0.019
1.5	0.40	1.5	6.2	0.02	0.042
2.0	0.72	2.0	8.2	0.05	0.074
2.5	1.14	2.5	10.3	0.10	0.116
3.0	1.67	3.0	12.4	0.17	0.167
3.5	2.31	3.5	14.4	0.26	0.227
4.0	3.06	4.0	16.5	0.40	0.296
4.5	3.94	4.5	18.6	0.56	0.375
5.0	4.94	5.0	20.6	0.77	0.463
5.5	6.07	5.5	22.7	1.03	0.560
6.0	7.3	6.0	24.7	1.33	0.667
6.5	8.7	6.5	26.8	1.70	0.782
7.0	10.3	7.0	28.9	2.12	0.907
7.5	12.0	7.5	30.9	2.60	1.042
8.0	13.8	8.0	33.0	3.16	1.185
8.5	15.8	8.5	35.0	3.79	1.338
9.0	18.0	9.0	37.1	4.50	1.500
9.5	20.3	9.5	39.2	5.29	1.671
10.0	22.8	10.0	41.2	6.2	1.852
10.5	25.5	10.5	43.3	7.1	2.042
11.0	28.4	11.0	45.4	8.2	2.241
11.5	31.4	11.5	47.4	9.4	2.449
12.0	34.7	12.0	49.5	10.7	2.667
12.5	38.1	12.5	51.5	12.1	2.894
13.0	41.7	13.0	53.6	13.6	3.130
13.5	45.6	13.5	55.7	15.2	3.375
14.0	49.6	14.0	57.7	16.9	3.630
14.5	53.9	14.5	59.8	18.8	3.894
15.0	58.3	15.0	61.8	20.8	4.167
15.5	63.0	15.5	63.9	23.0	4.449
16.0	68.0	16.0	66.0	25.3	4.741
16.5	73.1	16.5	68.0	27.7	5.042
17.0	78.5	17.0	70.1	30.3	5.352
17.5	84.1	17.5	72.2	33.1	5.671
18.0	90.0	18.0	74.2	36.0	6.000
18.5	96.1	18.5	76.3	39.1	6.338
19.0	102.5	19.0	78.3	42.3	6.685
19.5	109.1	19.5	80.4	45.8	7.042
20.0	116.0	20.0	82.5	49.4	7.407
21	130.7	21.0	86.6	57.2	8.167
22	146.4	22.0	90.7	65.7	8.963
23	163.3	23.0	94.8	75.1	9.796
24	181.3	24.0	99.0	85.3	10.667
25	200.6	25.0	103.1	96.5	11.574
26	221.2	26.0	107.2	108.5	12.519
27	243.0	27.0	111.3	121.5	13.500
28	266.2	28.0	115.4	135.5	14.519
29	290.7	29.0	119.6	150.5	15.574
30	316.7	30.0	123.7	166.7	16.667

TABLE XIX Grade of Roadway 30%
Attached to Levee Having Side Slope 3 : 1

Vertical Height in Feet	Complete Approach 9 Foot Roadway Total Cu. Yds.	Distance in Feet Toe of Levee to Toe of Approach	Slant Distance in Feet Crown of Levee to Toe of Approach	Triangular Component Part Total Cu. Yds.	Rectangular Component Part 1 Foot Crown Total Cu. Yds.
0.5	0.01	0.2	1.7	0.00	0.002
1.0	0.06	0.3	3.5	0.00	0.006
1.5	0.13	0.5	5.2	0.00	0.014
2.0	0.23	0.7	7.0	0.01	0.025
2.5	0.36	0.8	8.7	0.01	0.039
3.0	0.52	1.0	10.4	0.02	0.056
3.5	0.72	1.2	12.2	0.04	0.076
4.0	0.94	1.3	13.9	0.05	0.099
4.5	1.20	1.5	15.7	0.08	0.125
5.0	1.49	1.7	17.4	0.10	0.154
5.5	1.82	1.8	19.1	0.14	0.187
6.0	2.18	2.0	20.9	0.18	0.222
6.5	2.57	2.2	22.6	0.23	0.261
7.0	3.00	2.3	24.4	0.28	0.302
7.5	3.47	2.5	26.1	0.35	0.347
8.0	3.98	2.7	27.8	0.42	0.395
8.5	4.52	2.8	29.6	0.51	0.446
9.0	5.10	3.0	31.3	0.60	0.500
9.5	5.7	3.2	33.1	0.71	0.557
10.0	6.4	3.3	34.8	0.82	0.617
10.5	7.1	3.5	36.5	0.95	0.681
11.0	7.8	3.7	38.3	1.10	0.747
11.5	8.6	3.8	40.0	1.25	0.816
12.0	9.4	4.0	41.8	1.42	0.889
12.5	10.3	4.2	43.5	1.61	0.965
13.0	11.2	4.3	45.2	1.81	1.043
13.5	12.2	4.5	47.0	2.03	1.125
14.0	13.1	4.7	48.7	2.26	1.210
14.5	14.2	4.8	50.5	2.51	1.298
15.0	15.3	5.0	52.2	2.78	1.389
15.5	16.4	5.2	53.9	3.06	1.483
16.0	17.6	5.3	55.7	3.37	1.580
16.5	18.8	5.5	57.4	3.70	1.681
17.0	20.1	5.7	59.2	4.04	1.784
17.5	21.4	5.8	60.9	4.41	1.890
18.0	22.8	6.0	62.6	4.80	2.000
18.5	24.2	6.2	64.4	5.21	2.113
19.0	25.7	6.3	66.1	5.6	2.228
19.5	27.2	6.5	67.9	6.1	2.347
20.0	28.8	6.7	69.6	6.6	2.469
21	32.1	7.0	73.1	7.6	2.722
22	35.7	7.3	76.6	8.8	2.988
23	39.4	7.7	80.0	10.0	3.265
24	43.4	8.0	83.5	11.4	3.556
25	47.6	8.3	87.0	12.9	3.858
26	52.0	8.7	90.5	14.5	4.173
27	56.7	9.0	94.0	16.2	4.500
28	61.6	9.3	97.4	18.1	4.840
29	66.8	9.7	100.9	20.1	5.191
30	72.2	10.0	104.4	22.2	5.556

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